Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
Data File : VY001088.D
Acq On : 27 Dec 2019 11:09
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Quant Time: Dec 28 04:00:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) Pentafluorobenzene | 7.80 | 168 | 305777 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.69 | 114 | 530854 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.49 | 117 | 465919 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152 | 207534 | 50.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.14 | 65 | 144486 | 47.91 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 95.82% | | | |
| 35) Dibromofluoromethane | 7.73 | 113 | 151462 | 48.45 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 96.90% | | | |
| 50) Toluene-d8 | 10.18 | 98 | 637585 | 52.19 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 104.38% | | | |
| 62) 4-Bromofluorobenzene | 12.48 | 95 | 204016 | 45.68 | ug/l | 0.00 |
| Spiked Amount 50.000 | | | Recovery = 91.36% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.90 | 85 | 128891 | 48.374 | ug/l | 98 |
| 3) Chloromethane | 2.12 | 50 | 156283 | 43.096 | ug/l | 97 |
| 4) Vinyl Chloride | 2.26 | 62 | 163182 | 46.336 | ug/l | 97 |
| 5) Bromomethane | 2.65 | 94 | 104540 | 46.967 | ug/l | 100 |
| 6) Chloroethane | 2.80 | 64 | 107165 | 48.857 | ug/l | 94 |
| 7) Trichlorofluoromethane | 3.13 | 101 | 268822 | 52.043 | ug/l | 97 |
| 8) Diethyl Ether | 3.54 | 74 | 113289 | 53.729 | ug/l | 94 |
| 9) 1,1,2-Trichlorotrifluoroet | 3.90 | 101 | 189440 | 55.832 | ug/l | 98 |
| 10) Methyl Iodide | 4.10 | 142 | 241442 | 51.503 | ug/l | 99 |
| 11) Tert butyl alcohol | 4.96 | 59 | 85768 | 258.651 | ug/l | 99 |
| 12) 1,1-Dichloroethene | 3.88 | 96 | 182311 | 53.072 | ug/l | 94 |
| 13) Acrolein | 3.73 | 56 | 104971 | 255.491 | ug/l | 99 |
| 14) Allyl chloride | 4.49 | 41 | 272970 | 51.152 | ug/l | 98 |
| 15) Acrylonitrile | 5.18 | 53 | 299566 | 284.278 | ug/l | 99 |
| 16) Acetone | 3.96 | 43 | 156348 | 225.038 | ug/l | 99 |
| 17) Carbon Disulfide | 4.20 | 76 | 478423 | 42.621 | ug/l | 97 |
| 18) Methyl Acetate | 4.49 | 43 | 138475 | 51.951 | ug/l | 99 |
| 19) Methyl tert-butyl Ether | 5.23 | 73 | 494084 | 55.727 | ug/l | 99 |
| 20) Methylene Chloride | 4.72 | 84 | 211114 | 51.625 | ug/l | 98 |
| 21) trans-1,2-Dichloroethene | 5.22 | 96 | 202819 | 53.275 | ug/l | 96 |
| 22) Diisopropyl ether | 6.13 | 45 | 558687 | 51.795 | ug/l | 98 |
| 23) Vinyl Acetate | 6.07 | 43 | 1769952 | 259.823 | ug/l | 100 |
| 24) 1,1-Dichloroethane | 6.02 | 63 | 341668 | 53.601 | ug/l | 97 |
| 25) 2-Butanone | 6.99 | 43 | 305986 | 250.702 | ug/l | 93 |
| 26) 2,2-Dichloropropane | 6.99 | 77 | 288649 | 55.117 | ug/l | 98 |
| 27) cis-1,2-Dichloroethene | 7.00 | 96 | 235739 | 56.363 | ug/l | 96 |
| 28) Bromochloromethane | 7.34 | 49 | 118999 | 47.846 | ug/l | 92 |
| 29) Tetrahydrofuran | 7.36 | 42 | 220431 | 253.898 | ug/l | 95 |
| 30) Chloroform | 7.52 | 83 | 335007 | 55.580 | ug/l | 100 |
| 31) Cyclohexane | 7.79 | 56 | 307358 | 45.855 | ug/l | 98 |
| 32) 1,1,1-Trichloroethane | 7.71 | 97 | 286323 | 55.687 | ug/l | 99 |
| 36) 1,1-Dichloropropene | 7.92 | 75 | 271049 | 53.522 | ug/l | 98 |
| 37) Ethyl Acetate | 7.08 | 43 | 147986 | 52.774 | ug/l | 98 |
| 38) Carbon Tetrachloride | 7.91 | 117 | 250723 | 56.506 | ug/l | 94 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
Data File : VY001088.D
Acq On : 27 Dec 2019 11:09
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Quant Time: Dec 28 04:00:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 39) Methylcyclohexane | 9.19 | 83 | 352764 | 52.454 | ug/l | | 98 |
| 40) Benzene | 8.17 | 78 | 842652 | 55.154 | ug/l | | 96 |
| 41) Methacrylonitrile | 7.35 | 41 | 191544 | 157.552 | ug/l | # | 100 |
| 42) 1,2-Dichloroethane | 8.24 | 62 | 197128 | 53.966 | ug/l | | 100 |
| 43) Isopropyl Acetate | 8.28 | 43 | 275454 | 53.064 | ug/l | | 97 |
| 44) Trichloroethene | 8.94 | 130 | 227820 | 56.594 | ug/l | | 97 |
| 45) 1,2-Dichloropropane | 9.22 | 63 | 209641 | 54.696 | ug/l | | 99 |
| 46) Dibromomethane | 9.31 | 93 | 110855 | 56.107 | ug/l | | 99 |
| 47) Bromodichloromethane | 9.50 | 83 | 259852 | 56.778 | ug/l | | 97 |
| 48) Methyl methacrylate | 9.30 | 41 | 115194 | 52.002 | ug/l | | 90 |
| 49) 1,4-Dioxane | 9.30 | 88 | 33867 | 1171.776 | ug/l | | 94 |
| 51) 4-Methyl-2-Pentanone | 10.07 | 43 | 718654 | 265.617 | ug/l | | 98 |
| 52) Toluene | 10.24 | 92 | 526623 | 56.002 | ug/l | | 100 |
| 53) t-1,3-Dichloropropene | 10.47 | 75 | 282347 | 56.845 | ug/l | | 96 |
| 54) cis-1,3-Dichloropropene | 9.93 | 75 | 333692 | 55.871 | ug/l | | 98 |
| 55) 1,1,2-Trichloroethane | 10.64 | 97 | 169841 | 57.581 | ug/l | | 96 |
| 56) Ethyl methacrylate | 10.51 | 69 | 237698 | 56.622 | ug/l | | 96 |
| 57) 1,3-Dichloropropane | 10.79 | 76 | 287309 | 55.571 | ug/l | | 100 |
| 58) 2-Chloroethyl Vinyl ether | 9.78 | 63 | 384109 | 236.897 | ug/l | | 99 |
| 59) 2-Hexanone | 10.83 | 43 | 501520 | 267.889 | ug/l | | 98 |
| 60) Dibromochloromethane | 10.99 | 129 | 187370 | 59.469 | ug/l | | 98 |
| 61) 1,2-Dibromoethane | 11.09 | 107 | 163456 | 57.951 | ug/l | | 100 |
| 64) Tetrachloroethene | 10.72 | 164 | 228636 | 56.715 | ug/l | | 97 |
| 65) Chlorobenzene | 11.52 | 112 | 551751 | 57.090 | ug/l | | 100 |
| 66) 1,1,1,2-Tetrachloroethane | 11.59 | 131 | 187922 | 58.921 | ug/l | | 99 |
| 67) Ethyl Benzene | 11.59 | 91 | 997801 | 57.400 | ug/l | | 100 |
| 68) m/p-Xylenes | 11.70 | 106 | 761576 | 115.383 | ug/l | | 98 |
| 69) o-Xylene | 12.03 | 106 | 355735 | 57.289 | ug/l | | 98 |
| 70) Styrene | 12.04 | 104 | 619041 | 58.631 | ug/l | | 99 |
| 71) Bromoform | 12.20 | 173 | 105958 | 59.665 | ug/l | # | 100 |
| 73) Isopropylbenzene | 12.33 | 105 | 943900 | 58.774 | ug/l | | 99 |
| 74) N-amyl acetate | 12.14 | 43 | 225019 | 53.333 | ug/l | | 96 |
| 75) 1,1,2,2-Tetrachloroethane | 12.58 | 83 | 187287 | 59.197 | ug/l | | 99 |
| 76) 1,2,3-Trichloropropane | 12.63 | 75 | 255371 | 99.814 | ug/l | # | 100 |
| 77) Bromobenzene | 12.61 | 156 | 212519 | 58.838 | ug/l | | 97 |
| 78) n-propylbenzene | 12.67 | 91 | 1147681 | 58.648 | ug/l | | 100 |
| 79) 2-Chlorotoluene | 12.75 | 91 | 617786 | 57.166 | ug/l | | 98 |
| 80) 1,3,5-Trimethylbenzene | 12.81 | 105 | 763432 | 57.993 | ug/l | | 99 |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75 | 72953 | 60.814 | ug/l | | 99 |
| 82) 4-Chlorotoluene | 12.85 | 91 | 629992 | 56.125 | ug/l | | 97 |
| 83) tert-Butylbenzene | 13.07 | 119 | 668035 | 60.453 | ug/l | | 97 |
| 84) 1,2,4-Trimethylbenzene | 13.12 | 105 | 767885 | 58.048 | ug/l | | 100 |
| 85) sec-Butylbenzene | 13.25 | 105 | 952573 | 58.472 | ug/l | | 99 |
| 86) p-Isopropyltoluene | 13.37 | 119 | 835120 | 59.243 | ug/l | | 100 |
| 87) 1,3-Dichlorobenzene | 13.36 | 146 | 402930 | 58.084 | ug/l | | 100 |
| 88) 1,4-Dichlorobenzene | 13.44 | 146 | 404438 | 57.794 | ug/l | | 99 |
| 89) n-Butylbenzene | 13.69 | 91 | 823609 | 58.072 | ug/l | | 99 |
| 90) Hexachloroethane | 13.95 | 117 | 159965 | 60.232 | ug/l | | 100 |
| 91) 1,2-Dichlorobenzene | 13.73 | 146 | 369821 | 57.793 | ug/l | | 99 |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75 | 28688 | 54.197 | ug/l | | 90 |

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
Data File : VY001088.D
Acq On : 27 Dec 2019 11:09
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Quant Time: Dec 28 04:00:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 93) 1,2,4-Trichlorobenzene | 15.00 | 180 | 248005 | 57.419 | ug/l | 100 |
| 94) Hexachlorobutadiene | 15.11 | 225 | 119960 | 58.364 | ug/l | 99 |
| 95) Naphthalene | 15.23 | 128 | 580532 | 57.152 | ug/l | 100 |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180 | 216652 | 56.246 | ug/l | 99 |

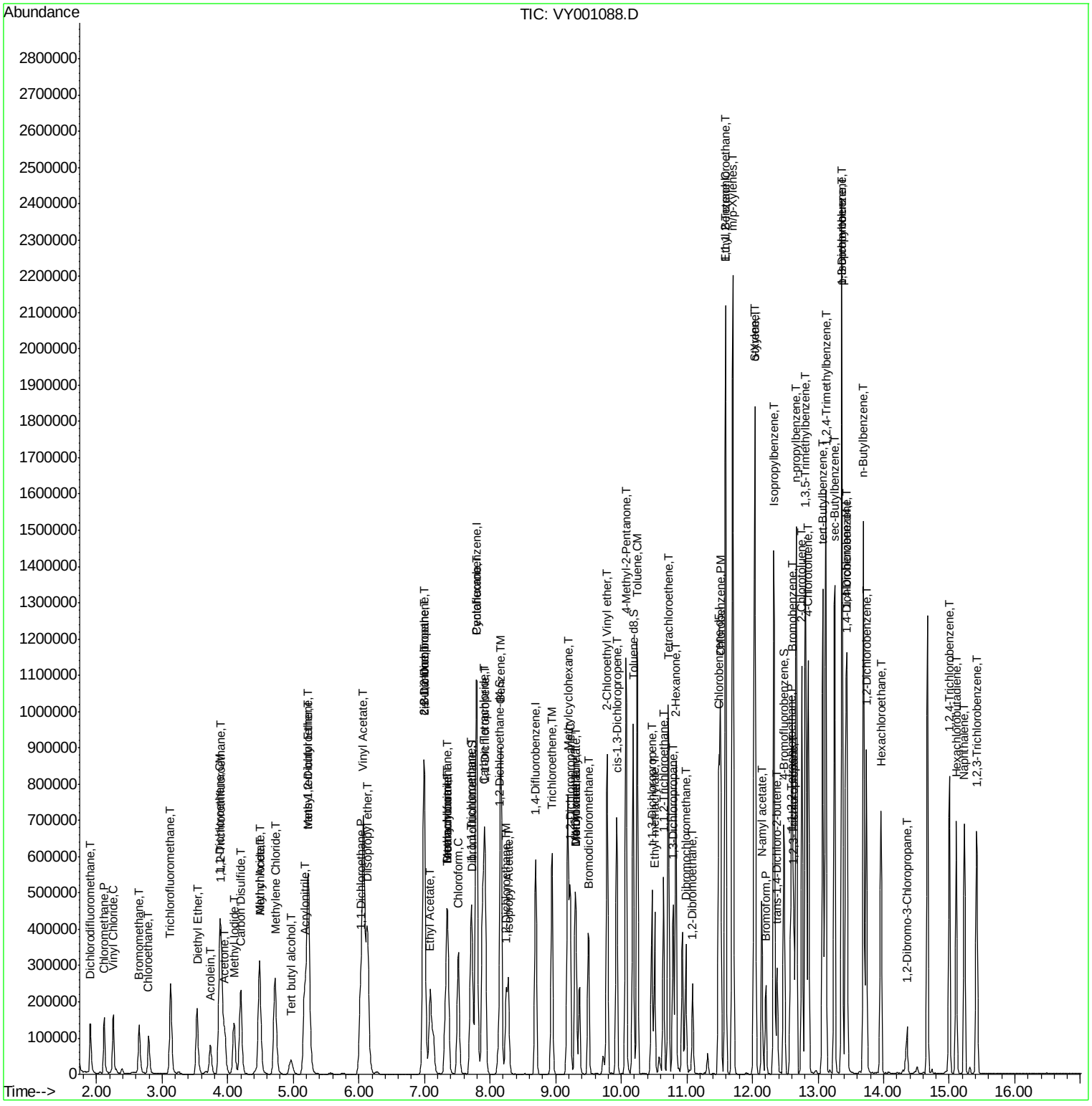
(#) = qualifier out of range (m) = manual integration (+) = signals summed

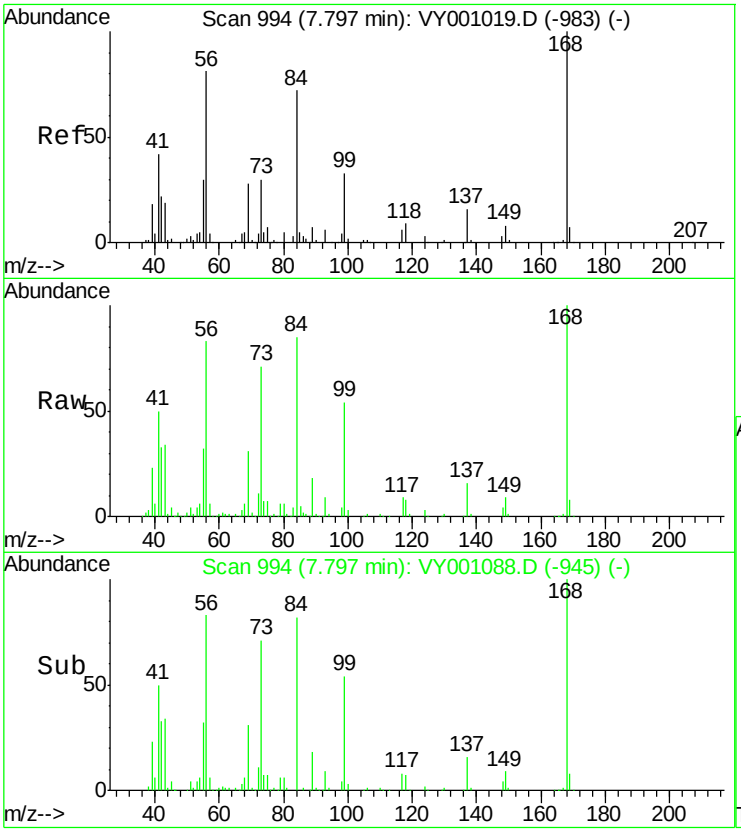
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122719\
Data File : VY001088.D
Acq On : 27 Dec 2019 11:09
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Quant Time: Dec 28 04:00:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration



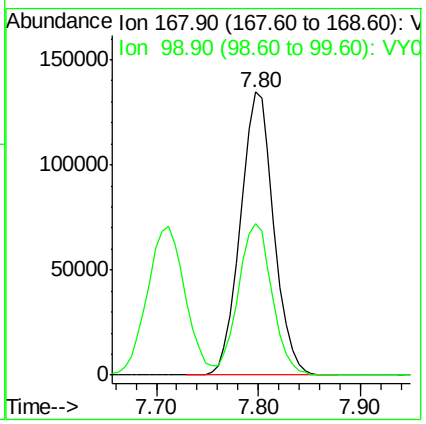


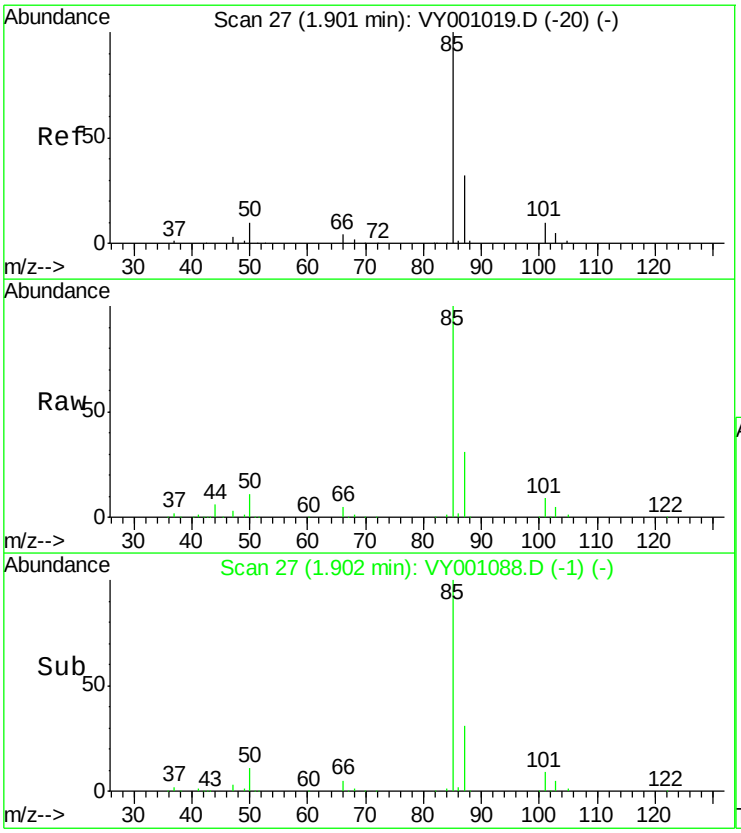

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:168 Resp: 305777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 99 | 53.6 | 44.0 | 66.0 |

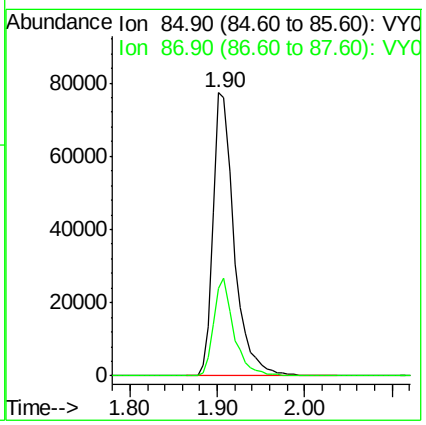


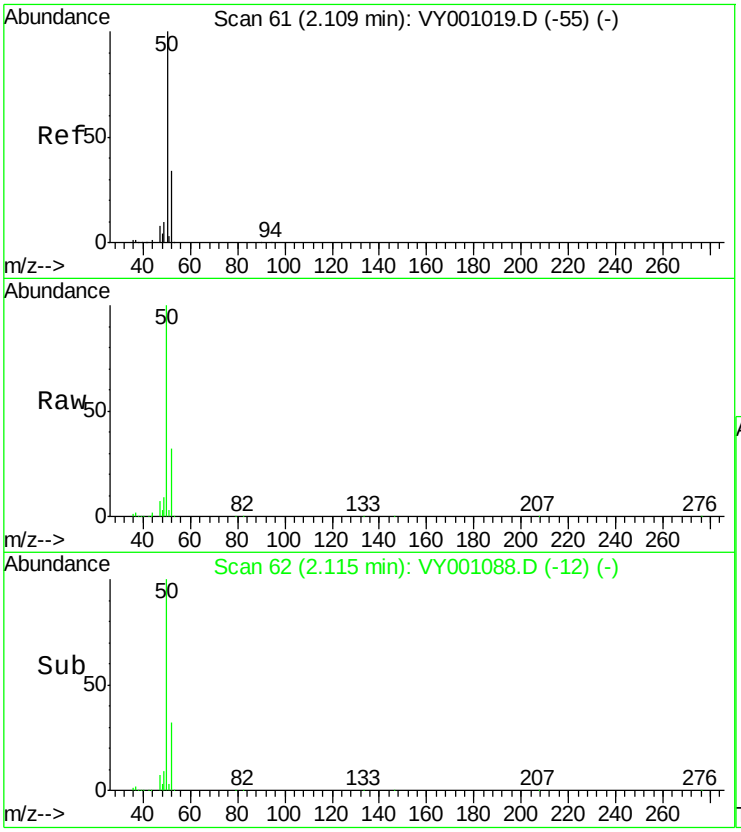




#2
Dichlorodifluoromethane
Concen: 48.374 ug/l
RT: 1.90 min Scan# 27
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 85 Resp: 128891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 85 | 100 | | |
| 87 | 30.8 | 15.9 | 47.7 |



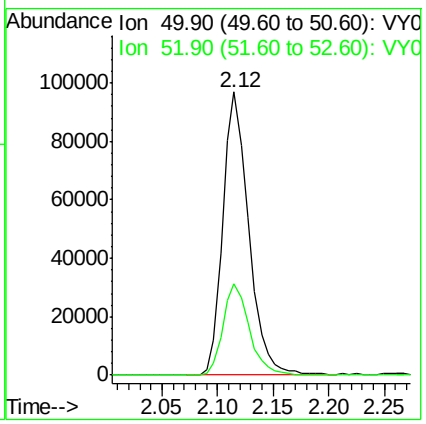


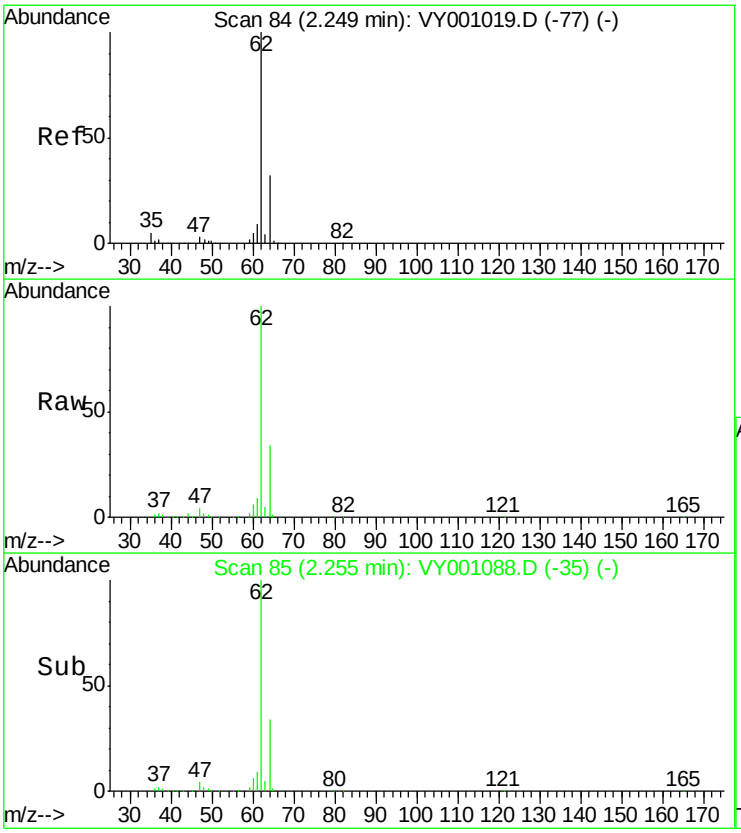

#3
Chloromethane
Concen: 43.096 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 50 Resp: 156283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 50 | 100 | | |
| 52 | 32.2 | 27.1 | 40.7 |

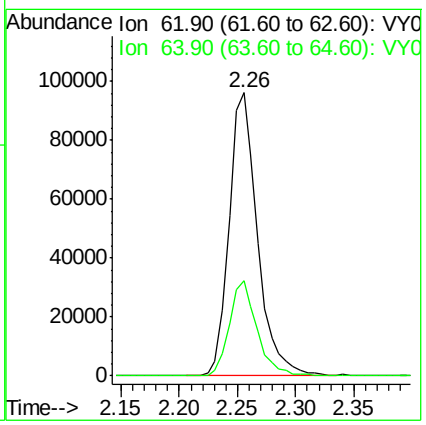


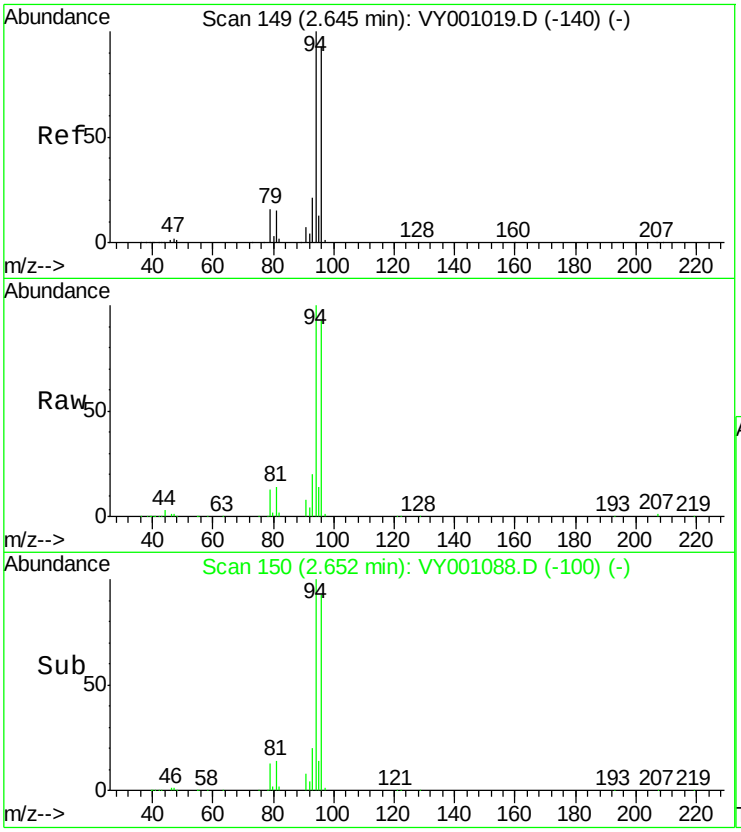




#4
Vinyl Chloride
Concen: 46.336 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 62 Resp: 163182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 64 | 33.8 | 25.6 | 38.4 |



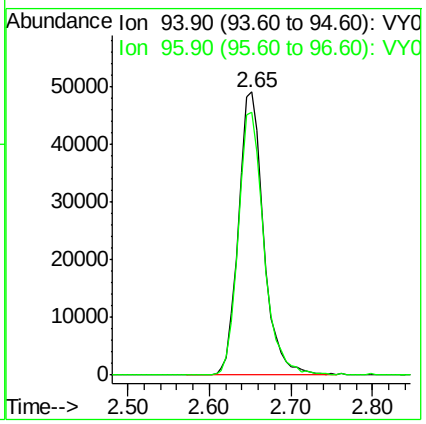


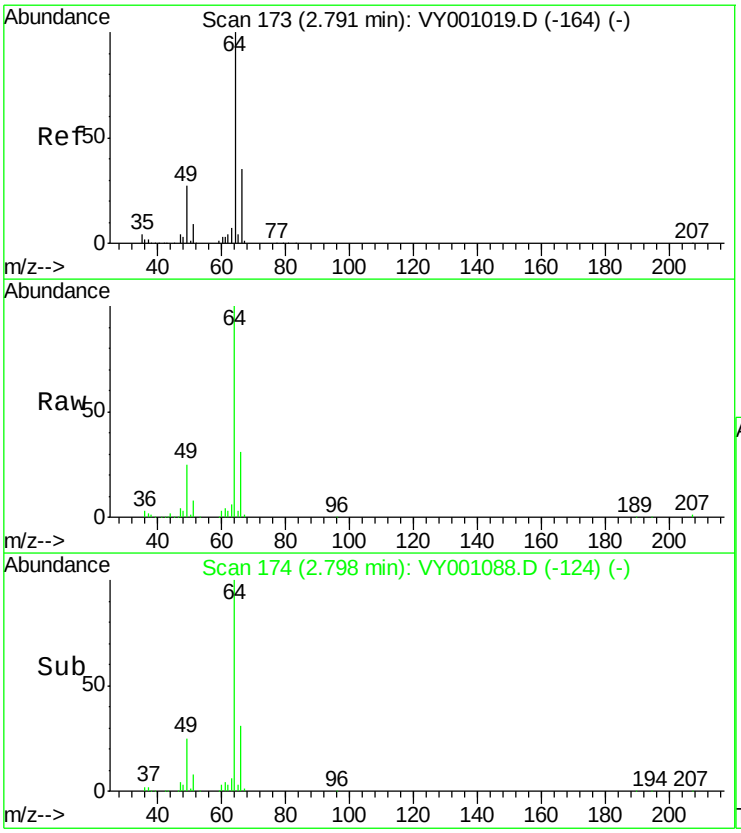

#5
Bromomethane
Concen: 46.967 ug/l
RT: 2.65 min Scan# 150
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 94 Resp: 104540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 96 | 92.9 | 74.2 | 111.4 |

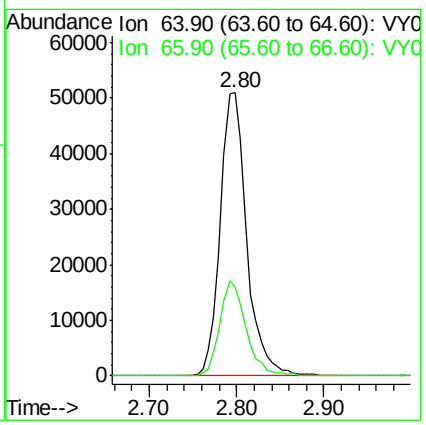


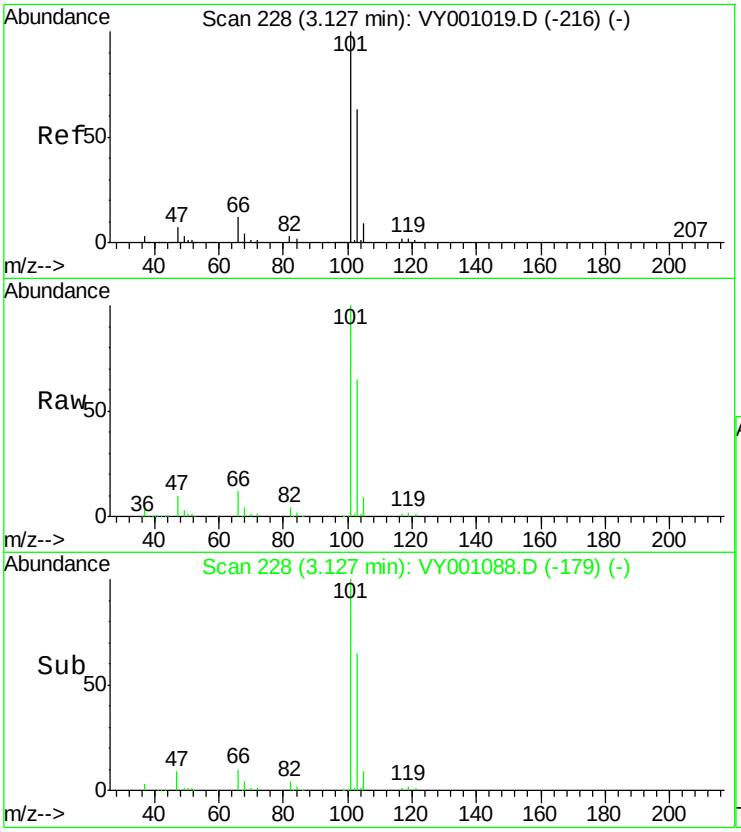




#6
Chloroethane
Concen: 48.857 ug/l
RT: 2.80 min Scan# 174
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 64 Resp: 107165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 64 | 100 | | |
| 66 | 31.4 | 27.8 | 41.6 |



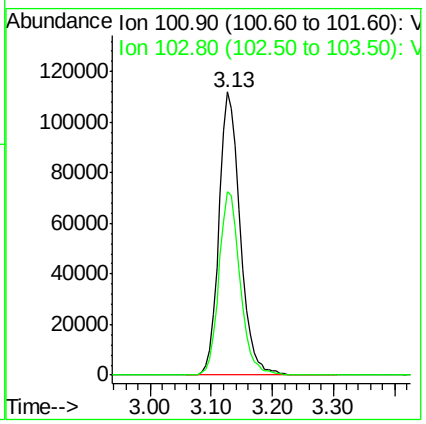


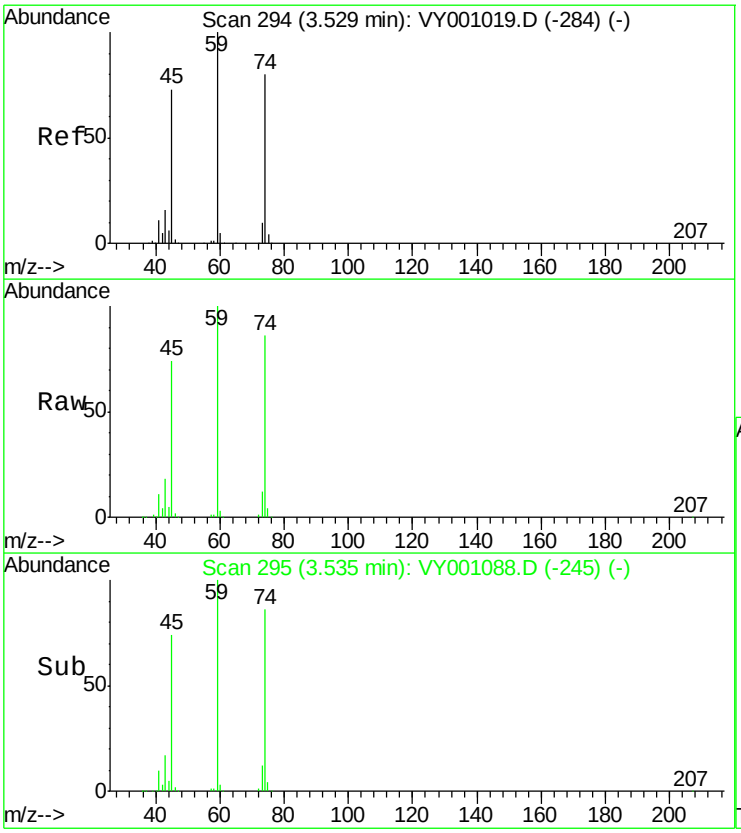

#7
Trichlorofluoromethane
Concen: 52.043 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:101 Resp: 268822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 103 | 65.0 | 50.2 | 75.2 |

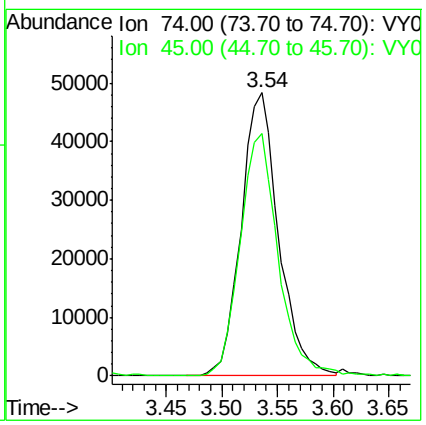


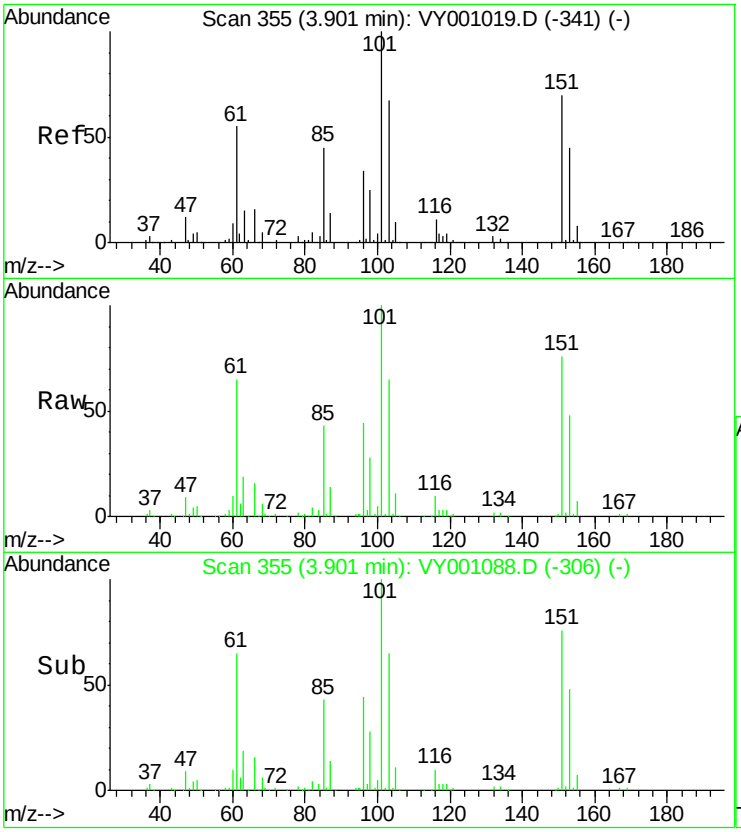




#8
Diethyl Ether
Concen: 53.729 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 74 Resp: 113289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 74 | 100 | | |
| 45 | 87.3 | 46.4 | 139.2 |



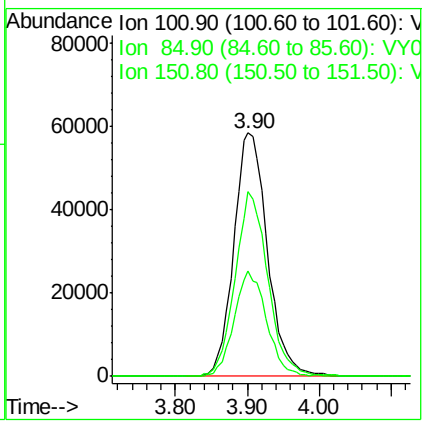


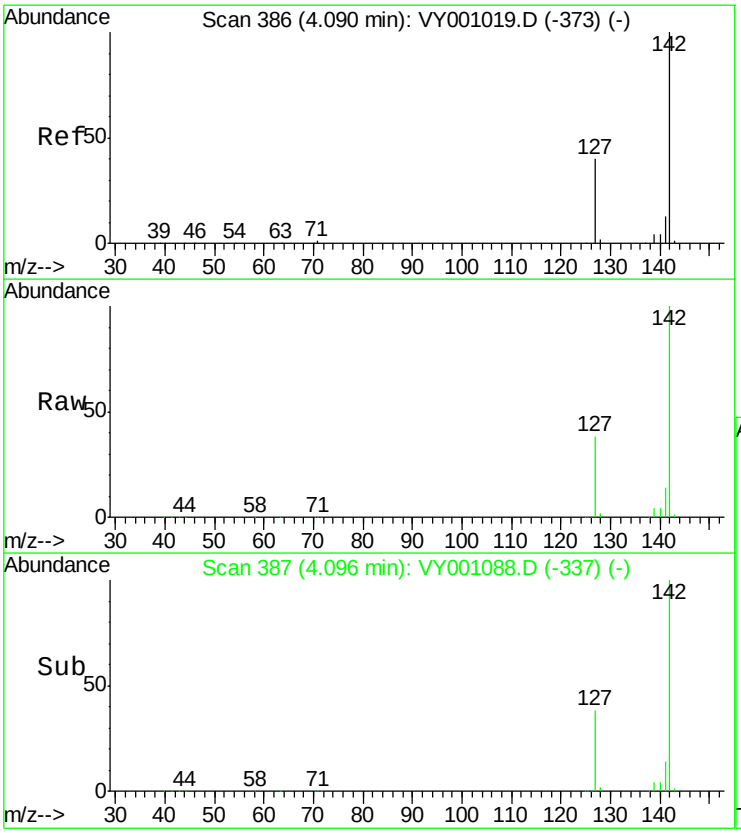

#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.832 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:101 Resp: 189440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 101 | 100 | | |
| 85 | 41.6 | 34.2 | 51.2 |
| 151 | 73.7 | 57.0 | 85.6 |

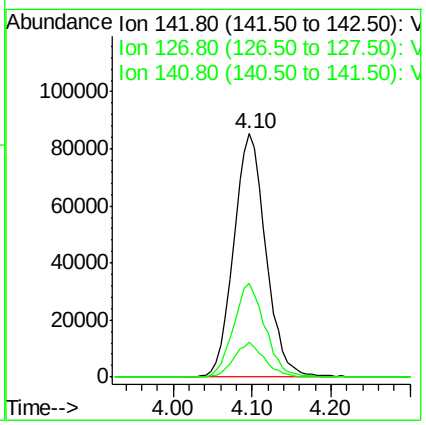


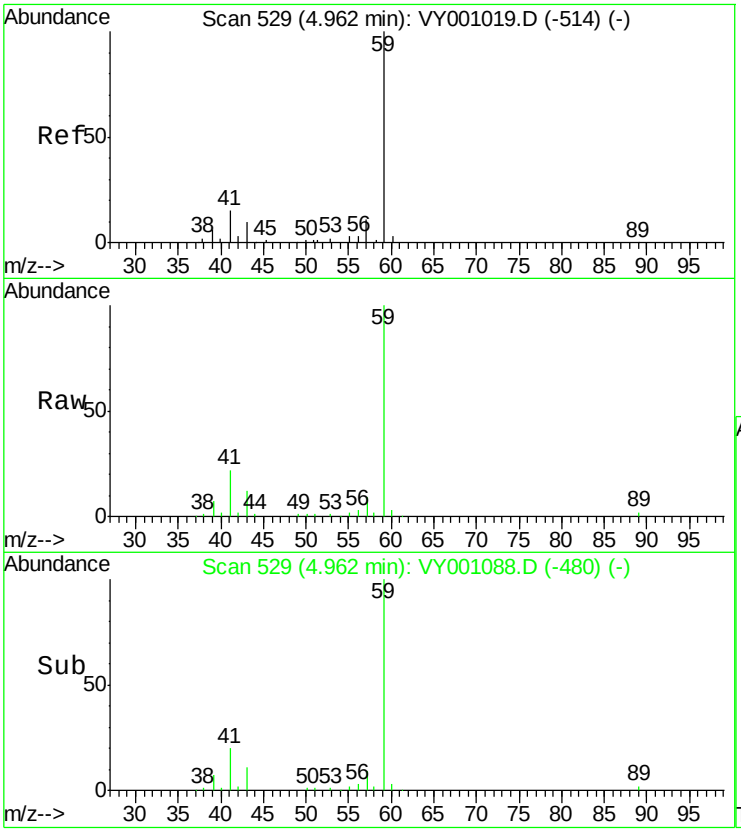




#10
Methyl Iodide
Concen: 51.503 ug/l
RT: 4.10 min Scan# 387
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion:142 Resp: 241442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 127 | 38.2 | 31.2 | 46.8 |
| 141 | 13.6 | 11.0 | 16.4 |



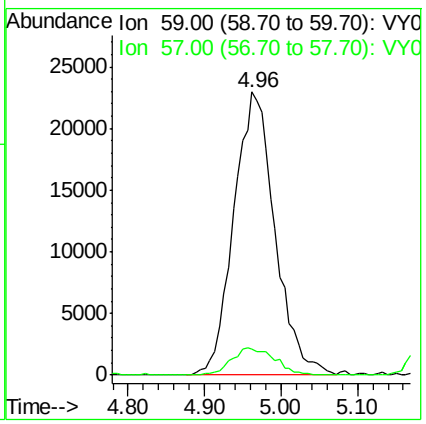


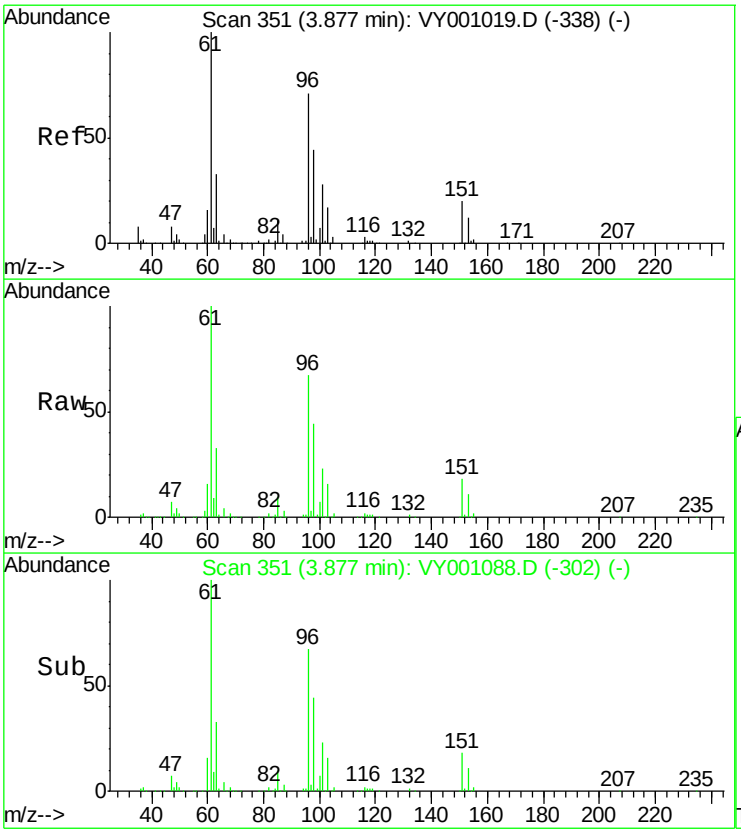

#11
Tert butyl alcohol
Concen: 258.651 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 59 Resp: 85768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 59 | 100 | | |
| 57 | 10.2 | 7.8 | 11.6 |

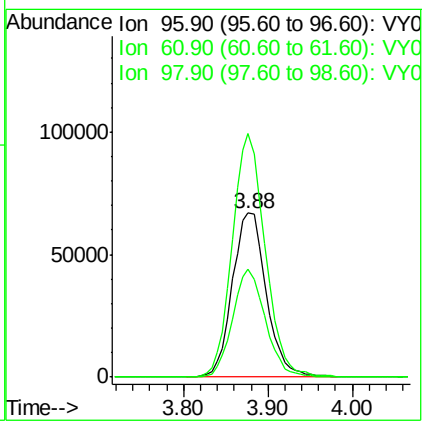


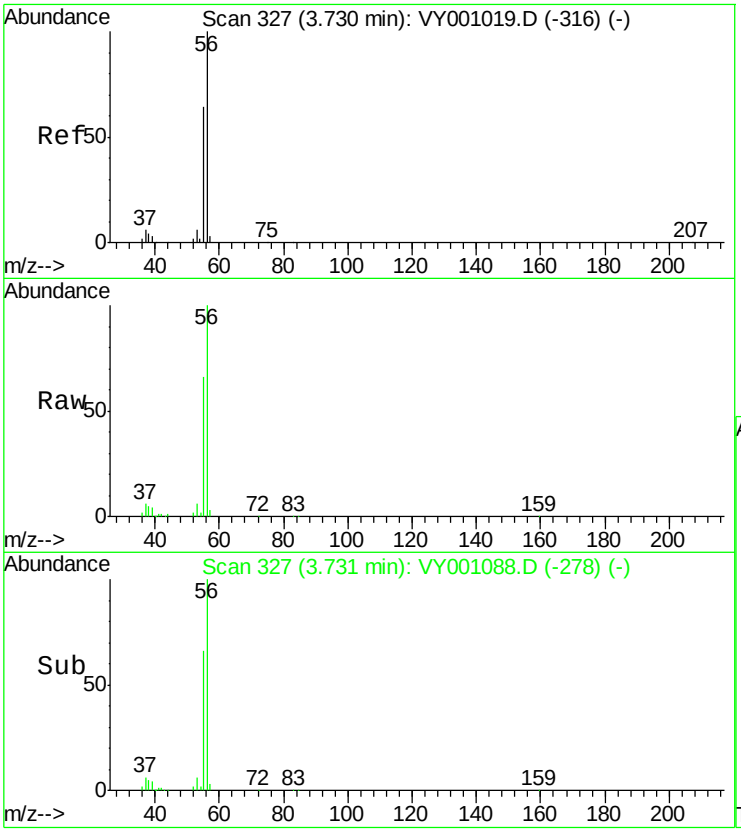




#12
1,1-Dichloroethene
Concen: 53.072 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 96 Resp: 182311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 148.8 | 113.0 | 169.4 |
| 98 | 66.0 | 49.8 | 74.8 |



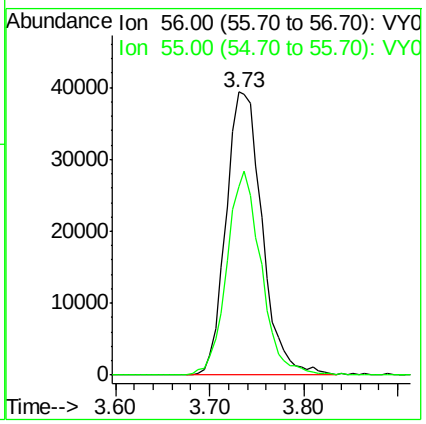


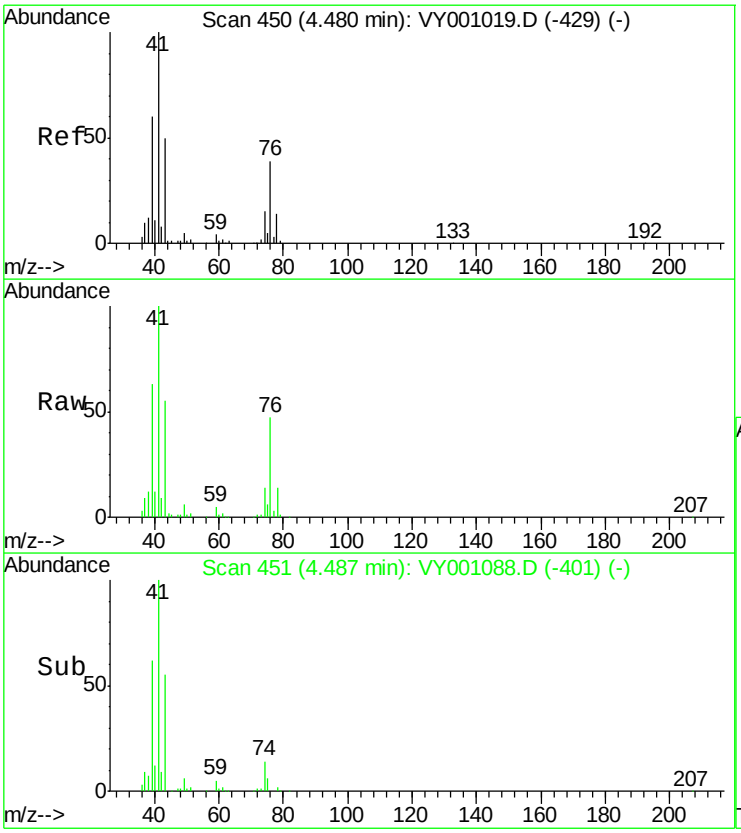

#13
Acrolein
Concen: 255.491 ug/l
RT: 3.73 min Scan# 327
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 56 Resp: 104971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 55 | 68.4 | 55.6 | 83.4 |

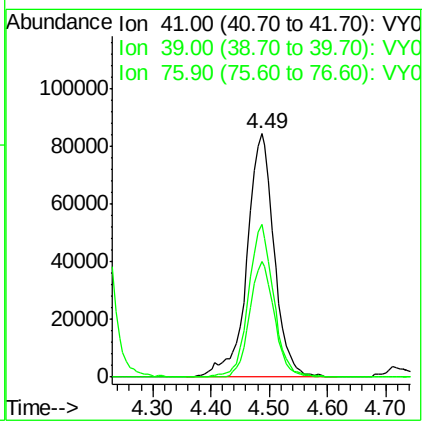


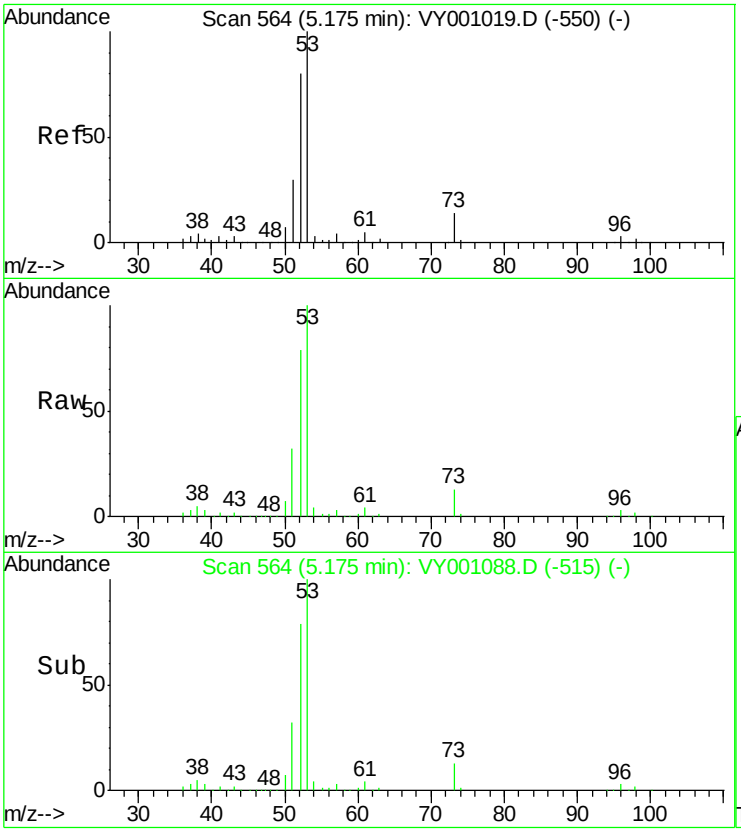




#14
Allyl chloride
Concen: 51.152 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 41 Resp: 272970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 57.9 | 46.0 | 69.0 |
| 76 | 43.0 | 32.6 | 48.8 |



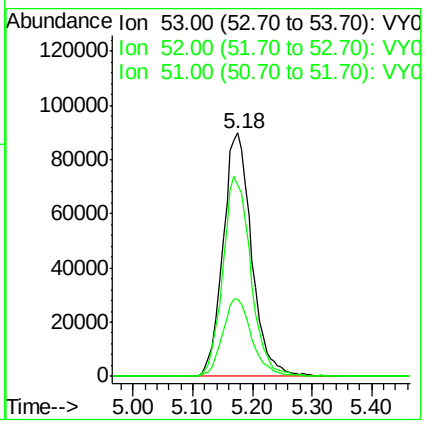


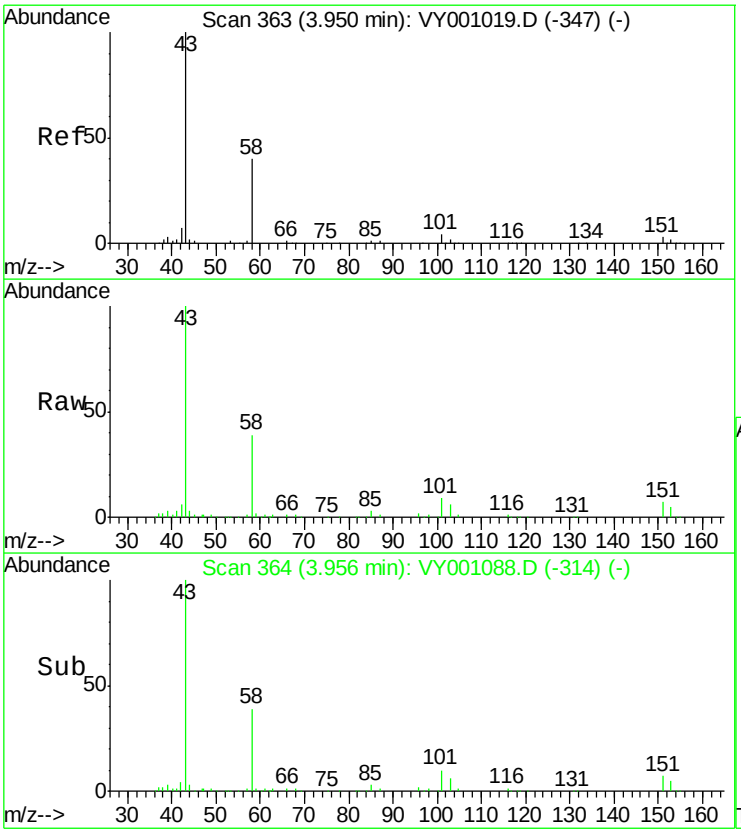

#15
Acrylonitrile
Concen: 284.278 ug/l
RT: 5.18 min Scan# 564
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 53 Resp: 299566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 53 | 100 | | |
| 52 | 80.4 | 63.6 | 95.4 |
| 51 | 32.8 | 26.7 | 40.1 |

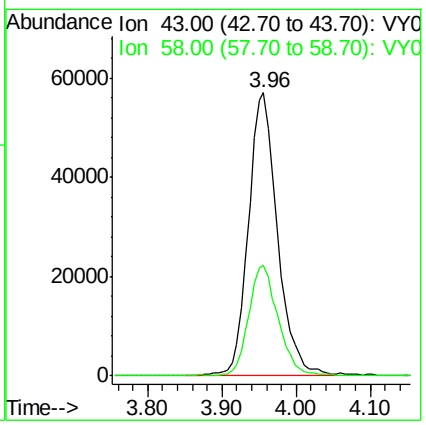


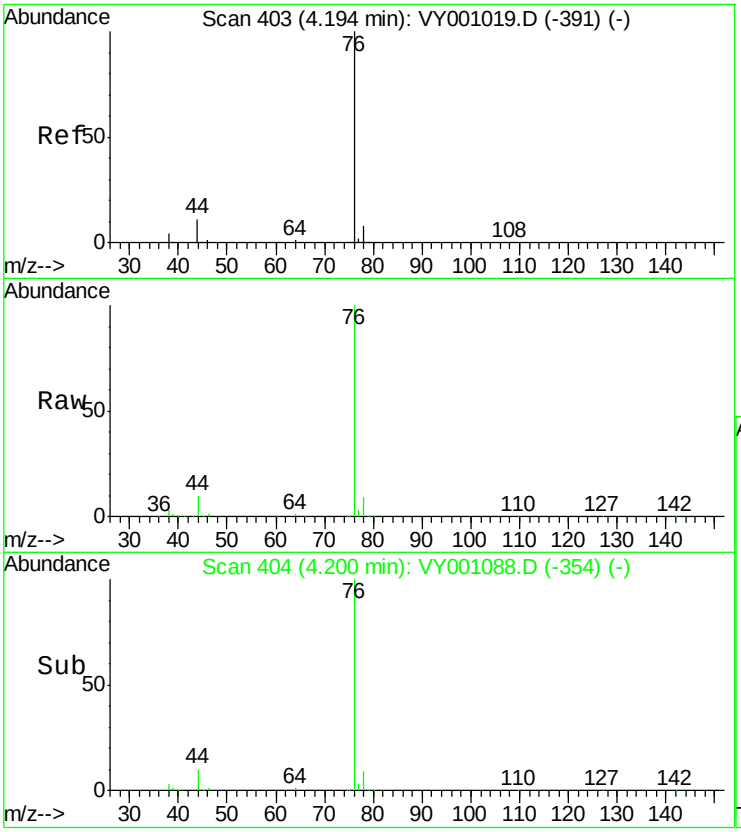




#16
Acetone
Concen: 225.038 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 43 Resp: 156348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 39.2 | 32.1 | 48.1 |



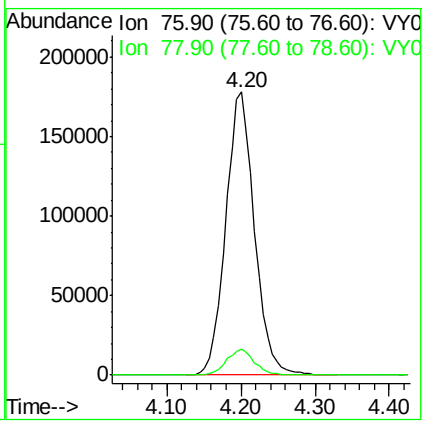


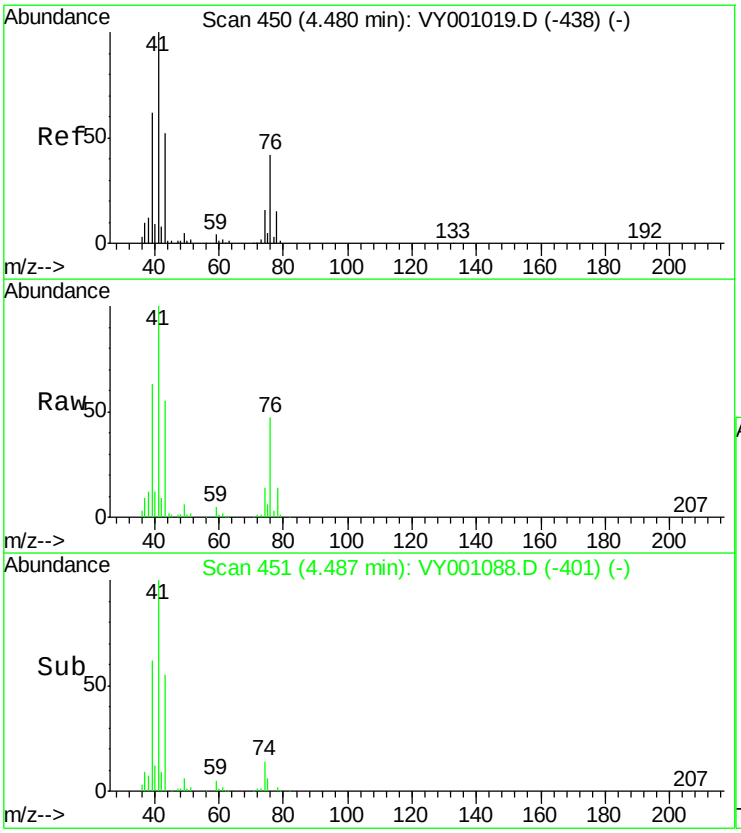

#17
Carbon Disulfide
Concen: 42.621 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 76 Resp: 478423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 9.4 | 6.7 | 10.1 |

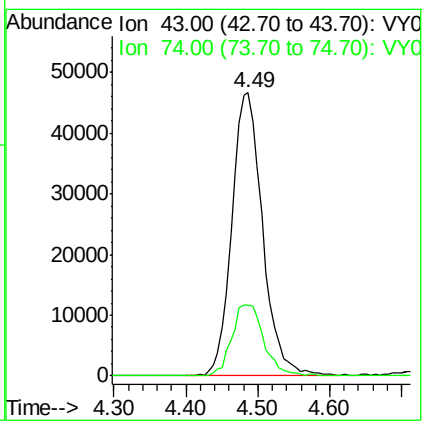


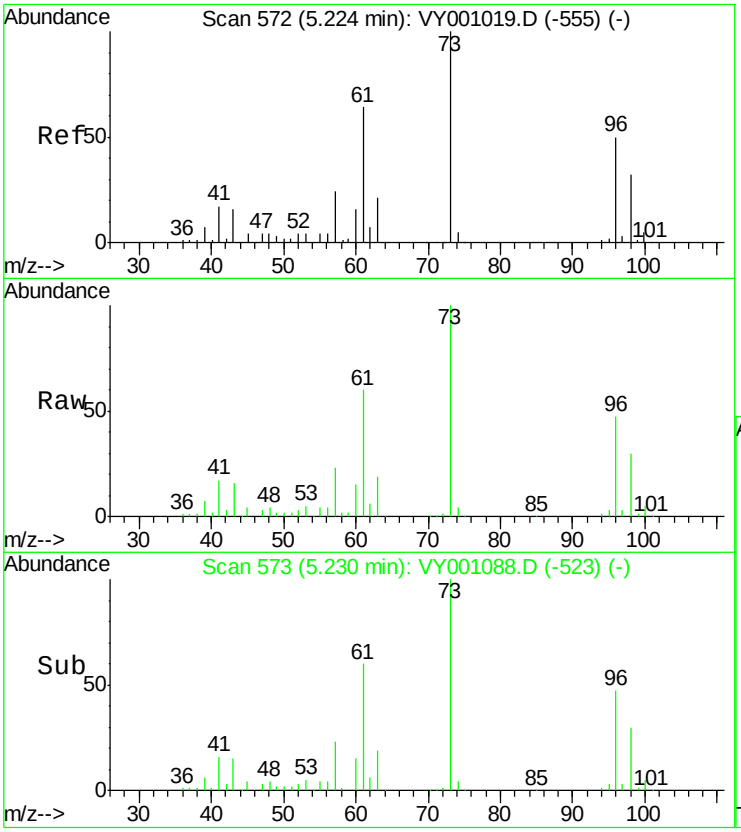




#18
Methyl Acetate
Concen: 51.951 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 43 Resp: 138475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 74 | 26.2 | 20.7 | 31.1 |



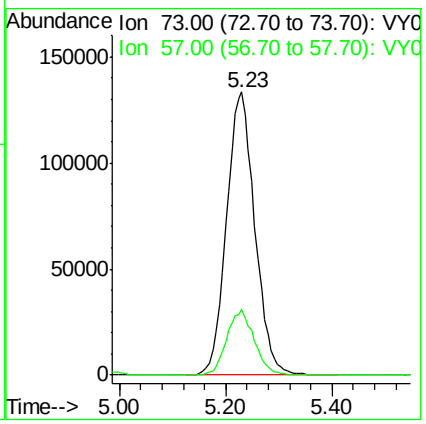


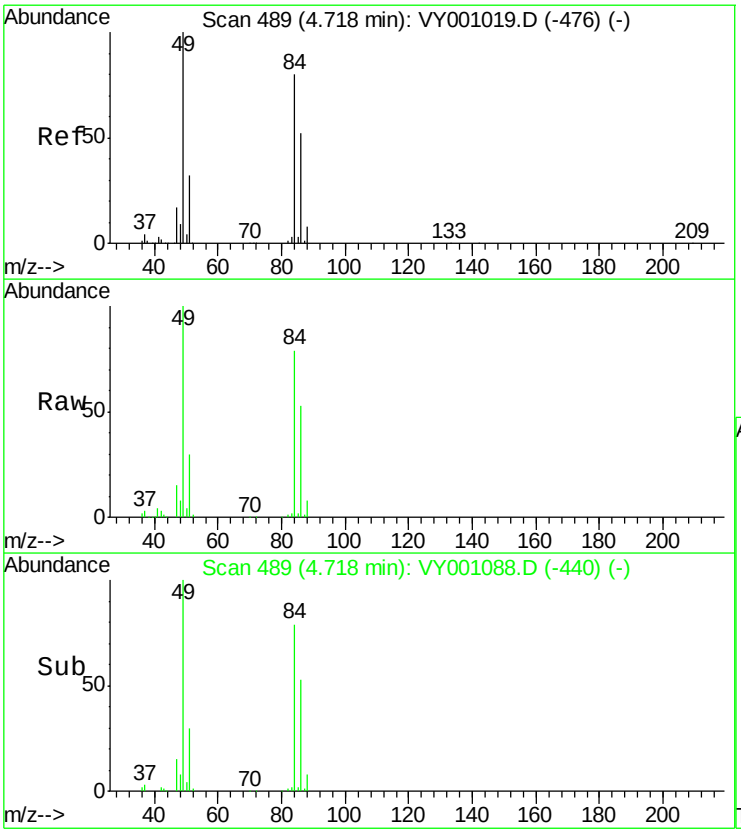

#19
Methyl tert-butyl Ether
Concen: 55.727 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 73 Resp: 494084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 73 | 100 | | |
| 57 | 23.1 | 19.0 | 28.6 |

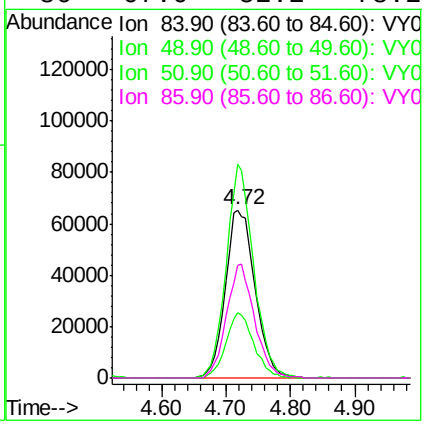


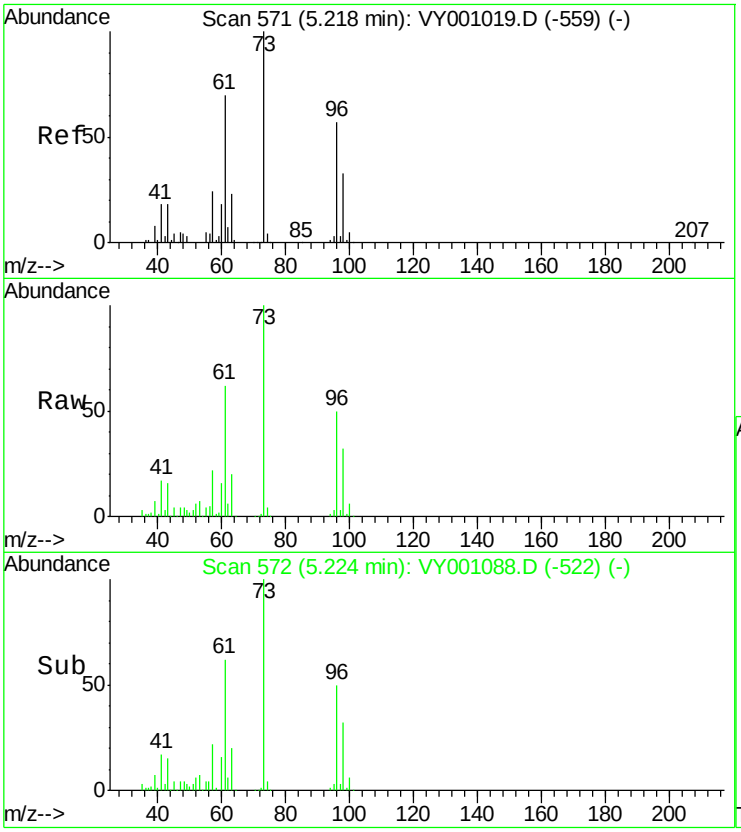




#20
Methylene Chloride
Concen: 51.625 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 84 Resp: 211114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 84 | 100 | | |
| 49 | 127.2 | 99.8 | 149.6 |
| 51 | 38.7 | 31.4 | 47.2 |
| 86 | 67.0 | 52.2 | 78.2 |



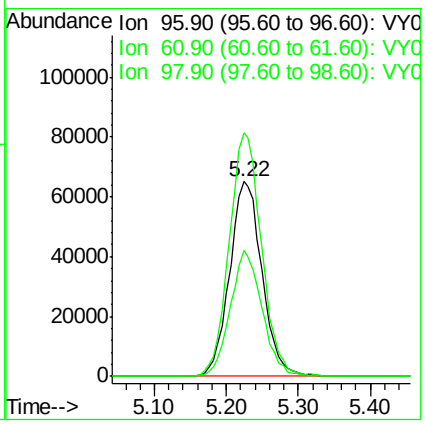


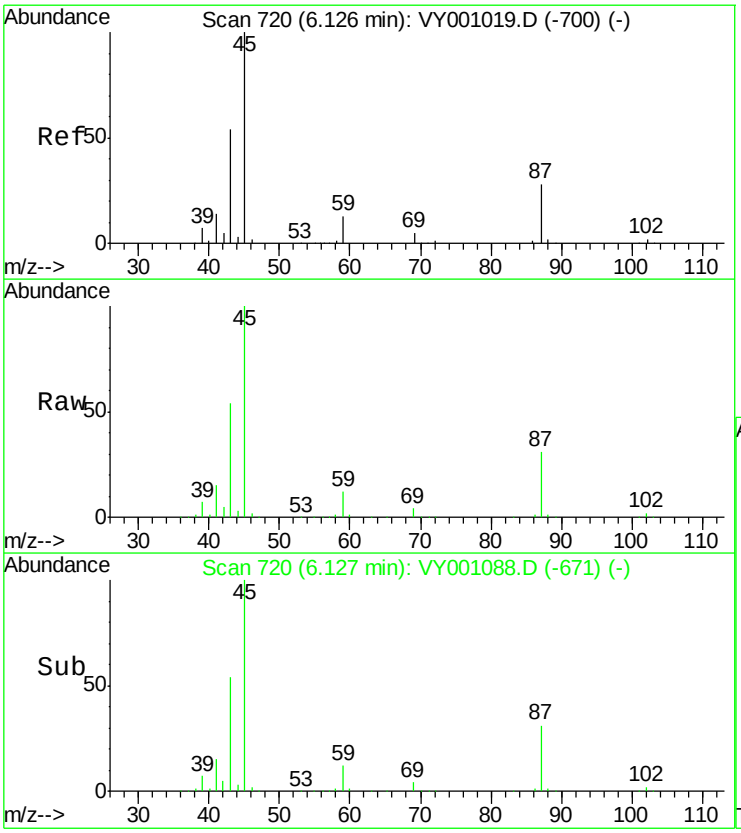

#21
trans-1,2-Dichloroethene
Concen: 53.275 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 96 Resp: 202819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 125.0 | 98.1 | 147.1 |
| 98 | 64.6 | 47.2 | 70.8 |

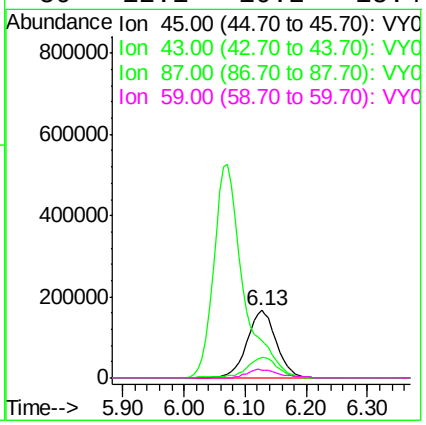


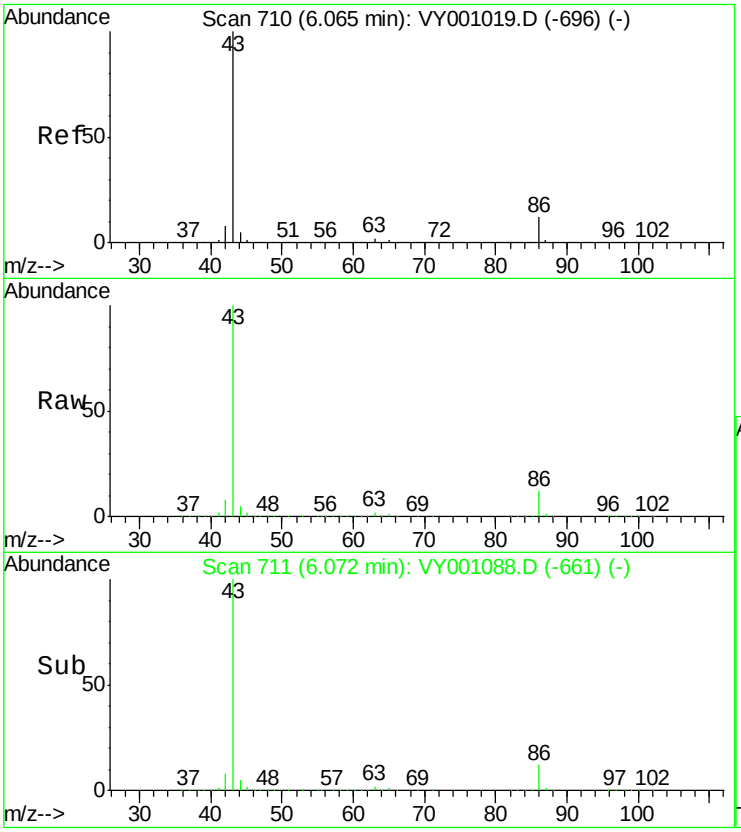




#22
Diisopropyl ether
Concen: 51.795 ug/l
RT: 6.13 min Scan# 720
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 45 Resp: 558687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 43 | 54.1 | 43.6 | 65.4 |
| 87 | 31.2 | 23.1 | 34.7 |
| 59 | 12.1 | 10.2 | 15.4 |



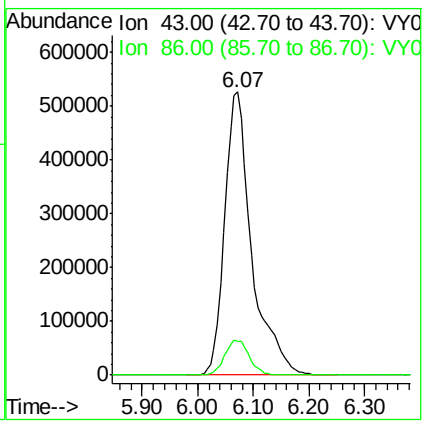


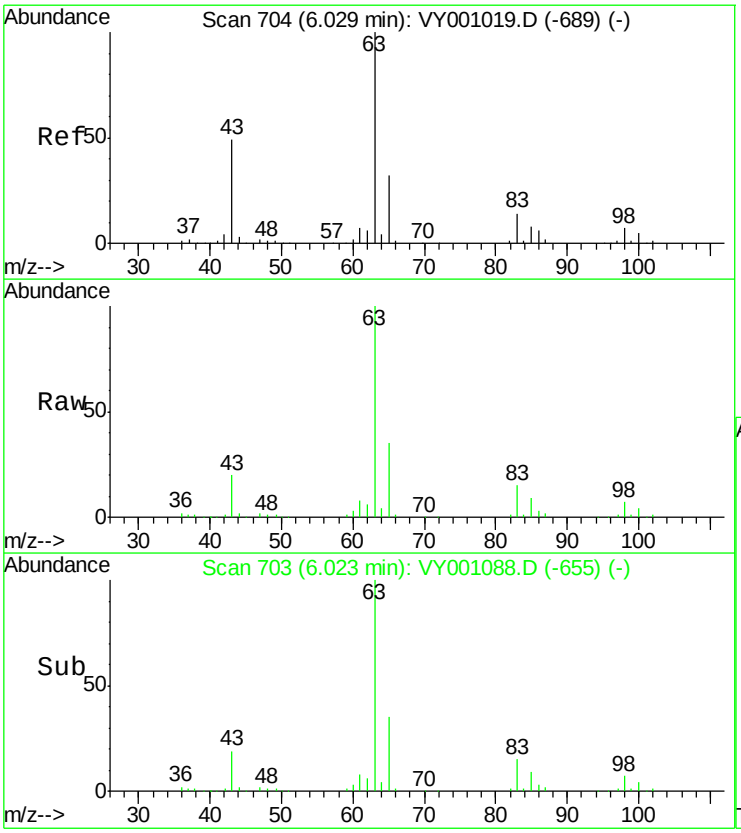

#23
Vinyl Acetate
Concen: 259.823 ug/l
RT: 6.07 min Scan# 711
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 43 Resp: 1769952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 86 | 11.9 | 9.5 | 14.3 |

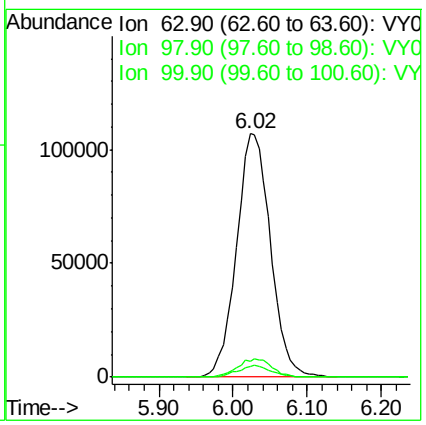


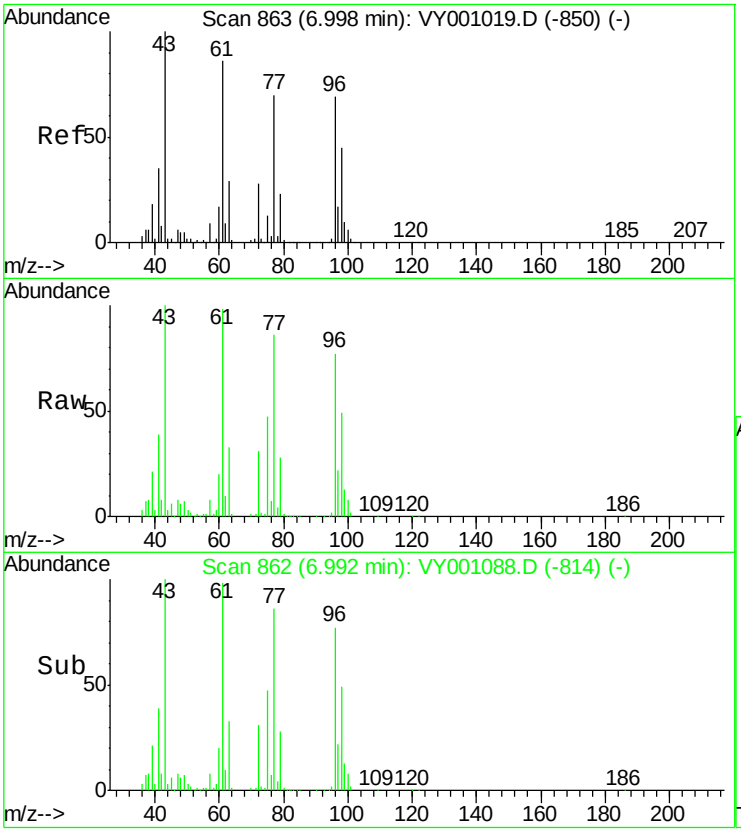




#24
1,1-Dichloroethane
Concen: 53.601 ug/l
RT: 6.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 63 Resp: 341668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 98 | 6.5 | 3.8 | 11.2 |
| 100 | 4.3 | 2.5 | 7.5 |



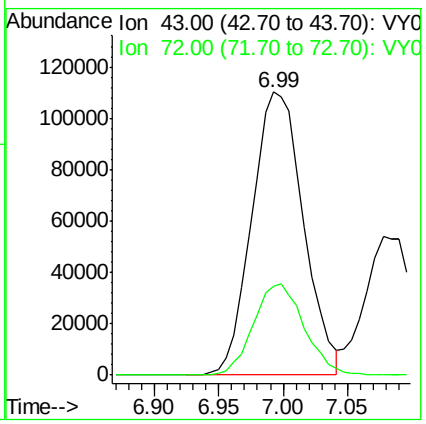


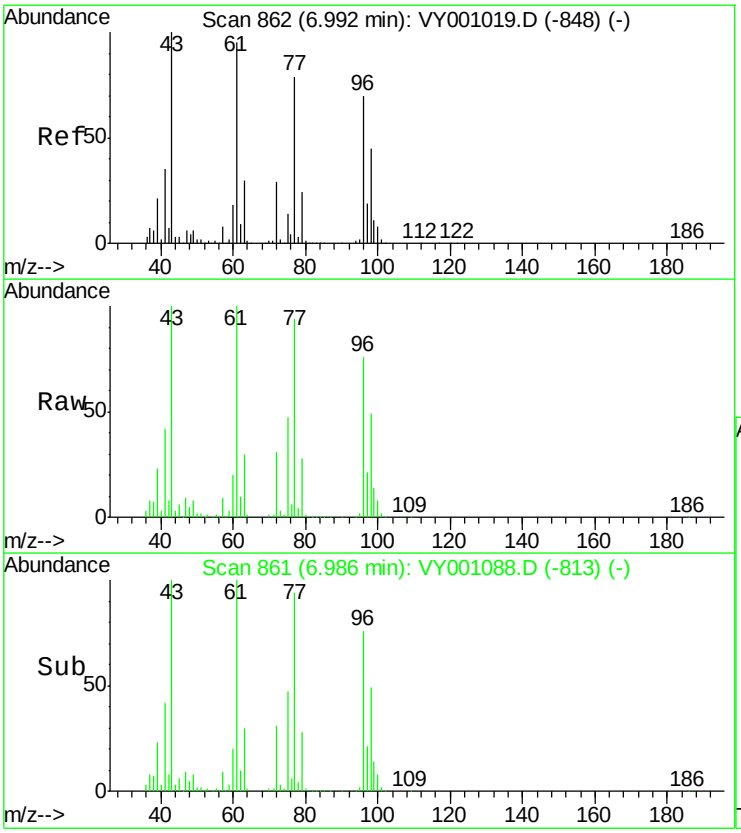

#25
2-Butanone
Concen: 250.702 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 305986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 72 | 31.5 | 22.4 | 33.6 |

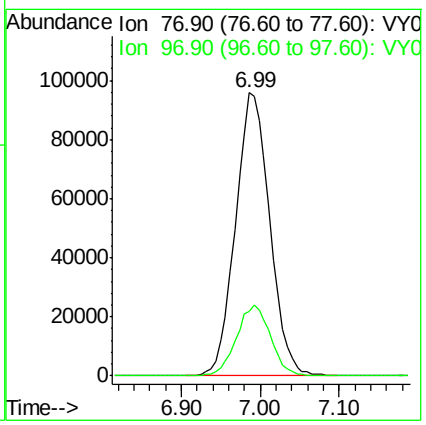


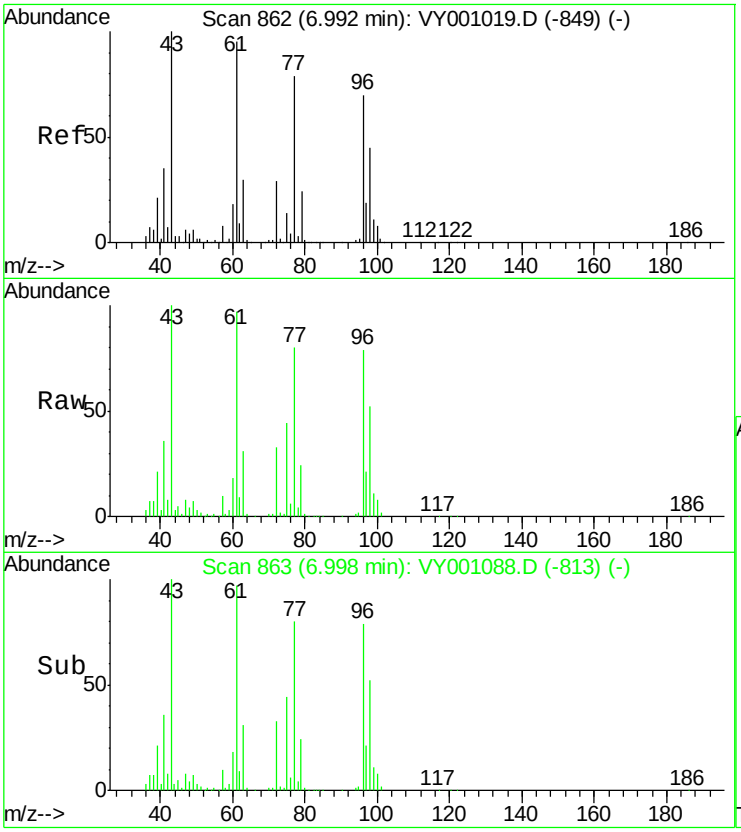




#26
2,2-Dichloropropane
Concen: 55.117 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 77 Resp: 288649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 97 | 25.0 | 12.0 | 36.1 |



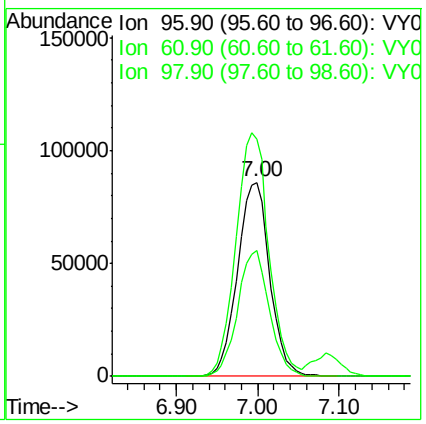


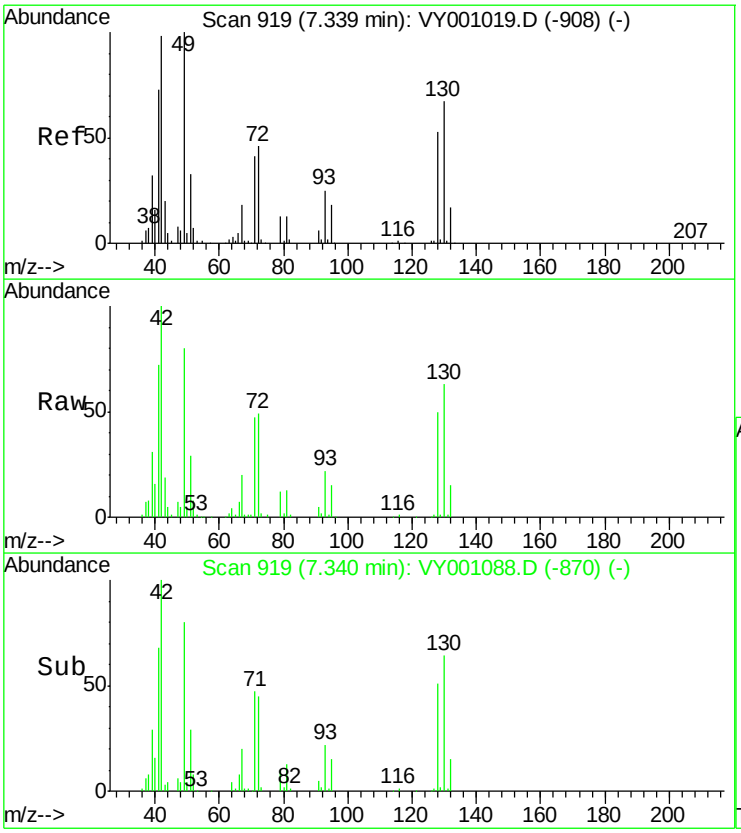

#27
cis-1,2-Dichloroethene
Concen: 56.363 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 96 Resp: 235739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 96 | 100 | | |
| 61 | 128.4 | 0.0 | 268.2 |
| 98 | 63.9 | 0.0 | 129.2 |

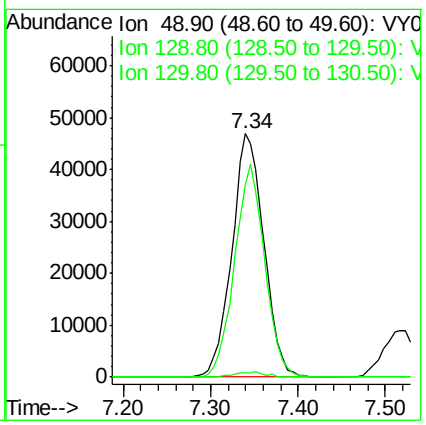


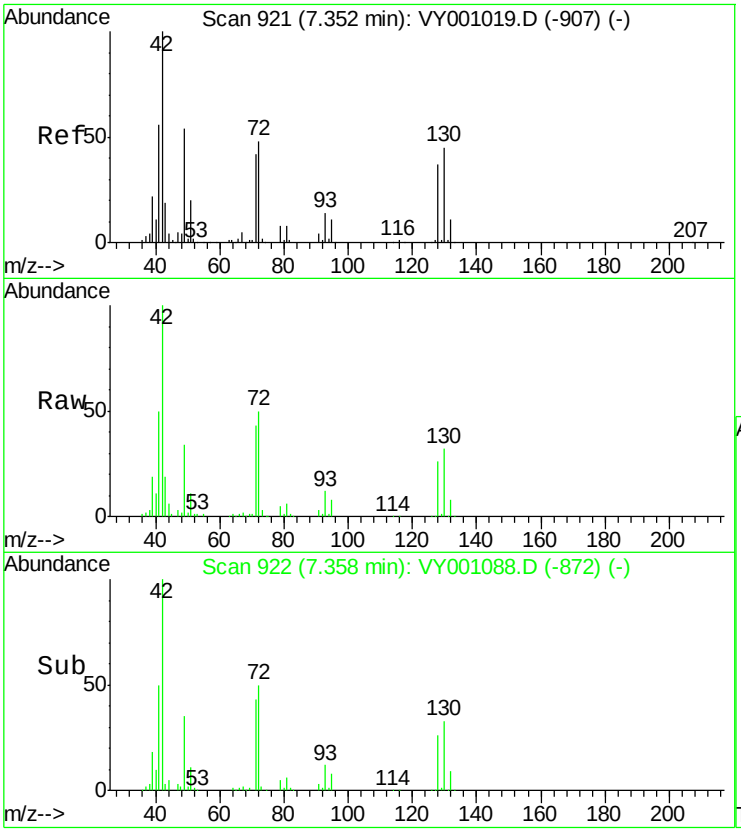




#28
Bromochloromethane
Concen: 47.846 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 49 Resp: 118999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 49 | 100 | | |
| 129 | 2.1 | 0.0 | 3.8 |
| 130 | 82.6 | 60.4 | 90.6 |



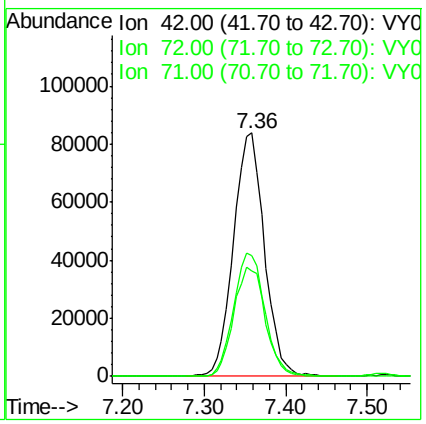


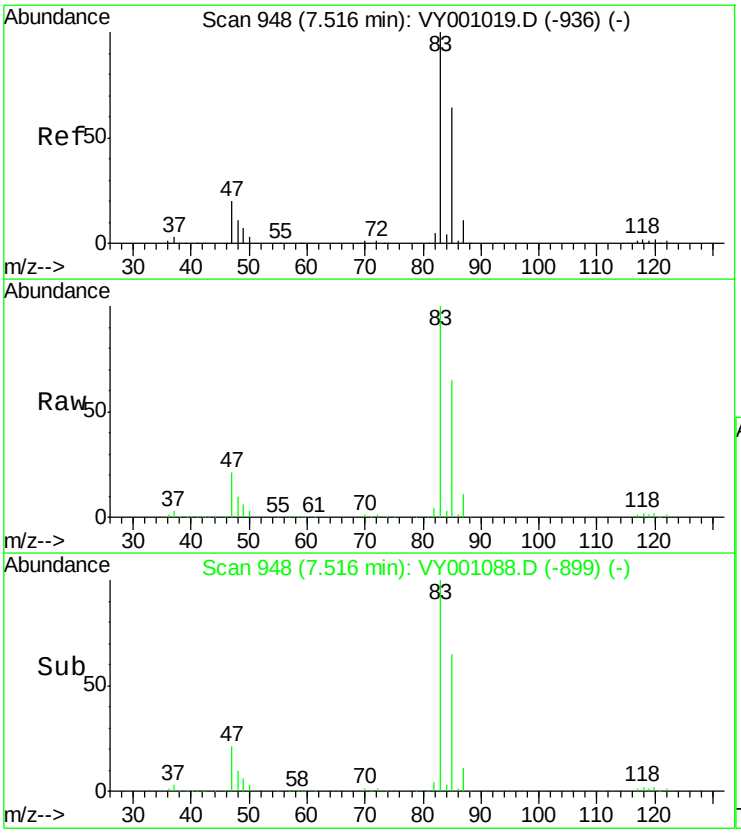

#29
Tetrahydrofuran
Concen: 253.898 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 42 Resp: 220431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 72 | 51.2 | 37.7 | 56.5 |
| 71 | 45.8 | 34.6 | 51.8 |

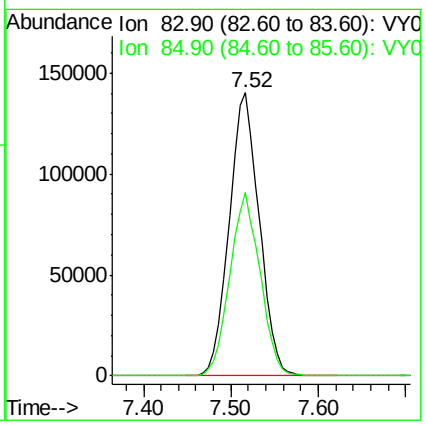


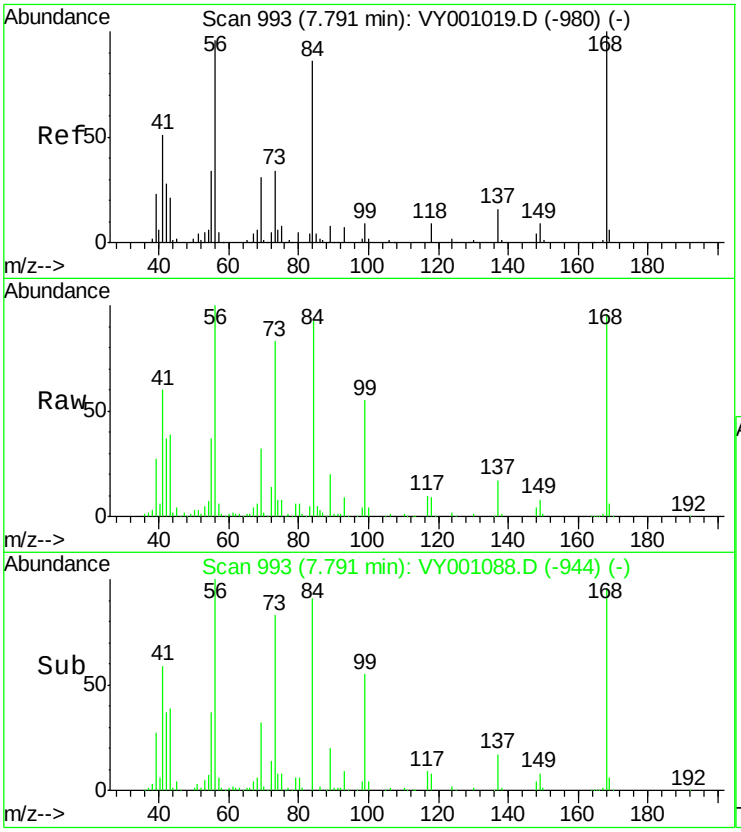




#30
Chloroform
Concen: 55.580 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 83 Resp: 335007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 64.8 | 51.6 | 77.4 |



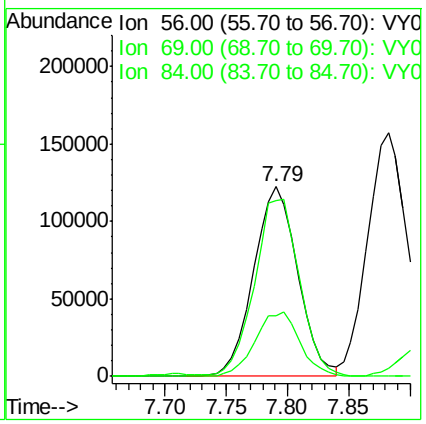


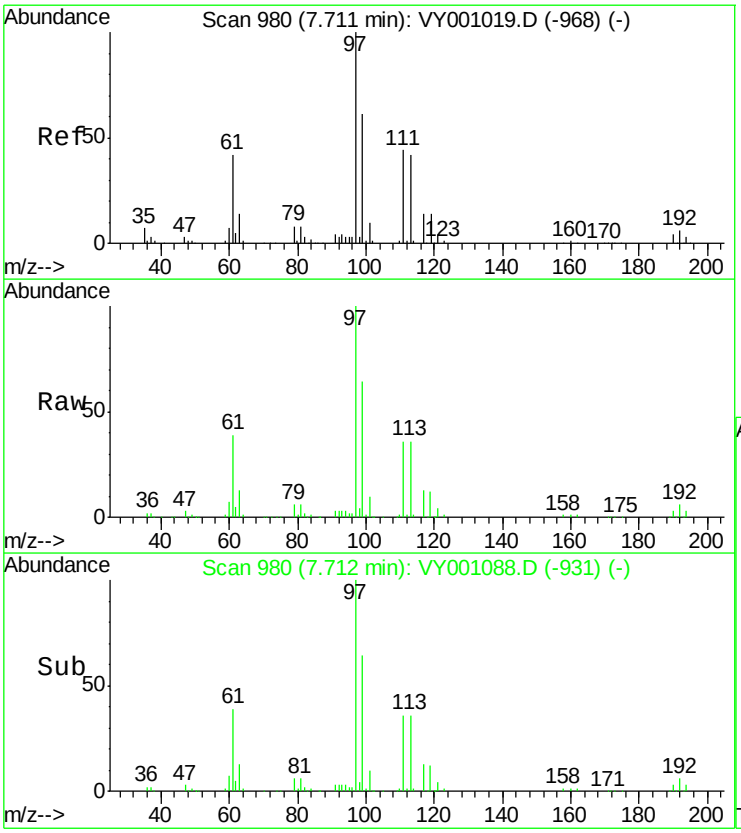

#31
Cyclohexane
Concen: 45.855 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 56 Resp: 307358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 56 | 100 | | |
| 69 | 31.9 | 26.1 | 39.1 |
| 84 | 91.7 | 71.8 | 107.8 |

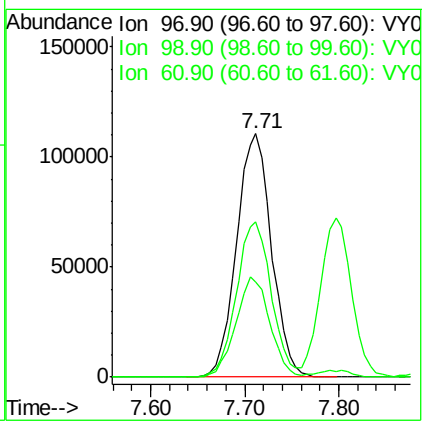


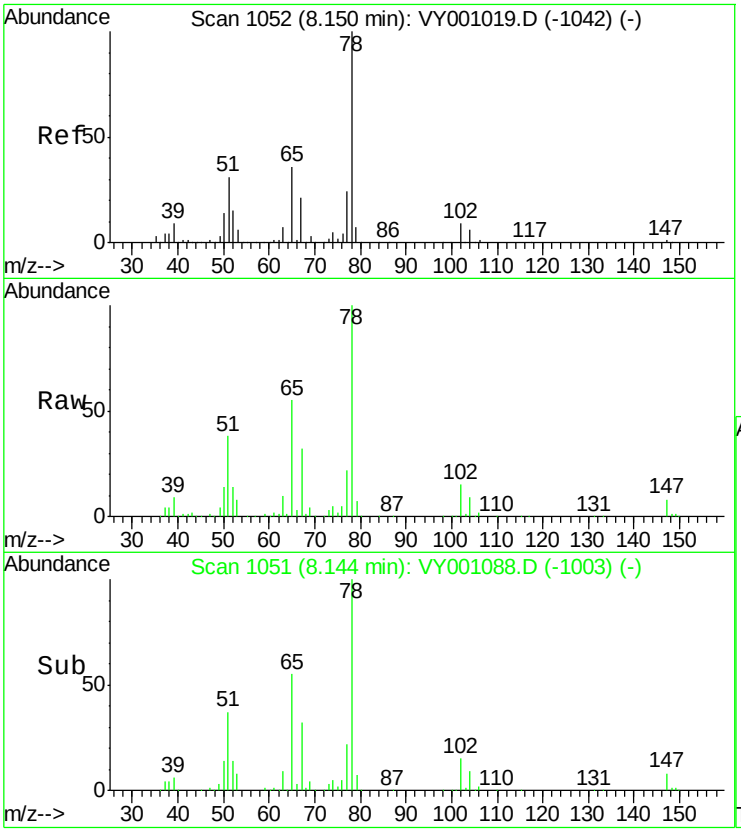




#32
1,1,1-Trichloroethane
Concen: 55.687 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 97 Resp: 286323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 99 | 63.7 | 50.6 | 76.0 |
| 61 | 40.0 | 33.0 | 49.6 |



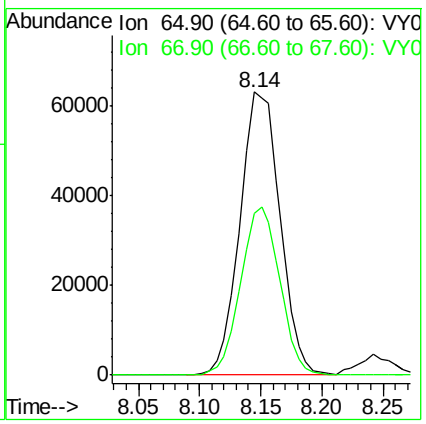


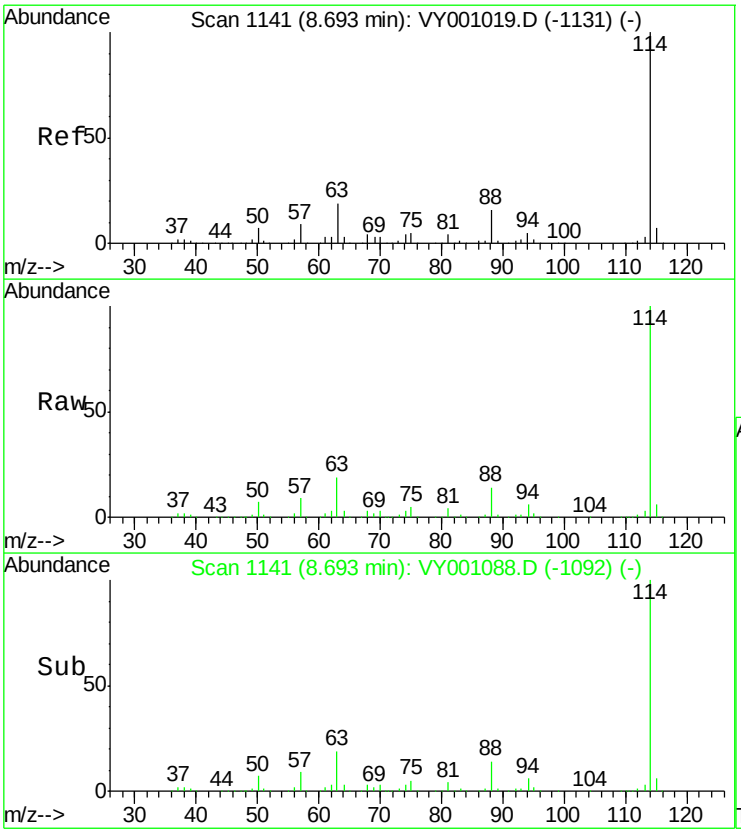

#33
1,2-Dichloroethane-d4
Concen: 47.910 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 65 Resp: 144486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 67 | 57.8 | 0.0 | 112.8 |

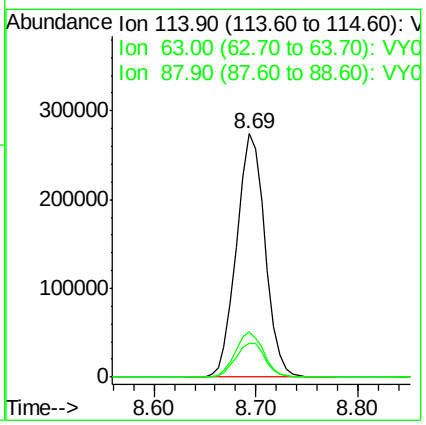


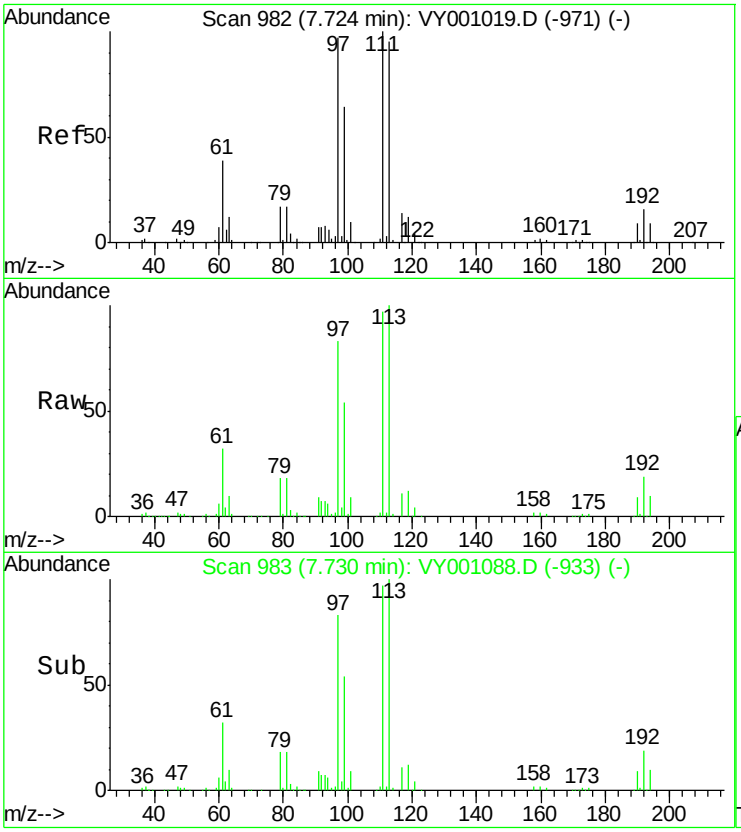




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion:114 Resp: 530854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 114 | 100 | | |
| 63 | 18.8 | 0.0 | 37.0 |
| 88 | 13.8 | 0.0 | 32.0 |



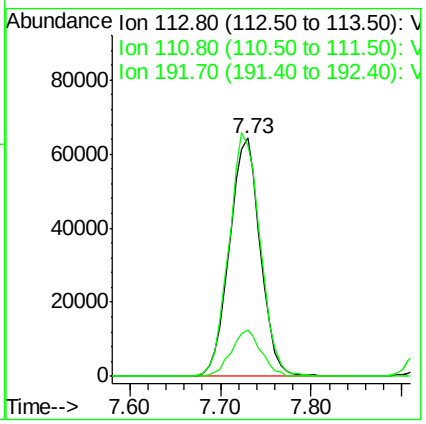


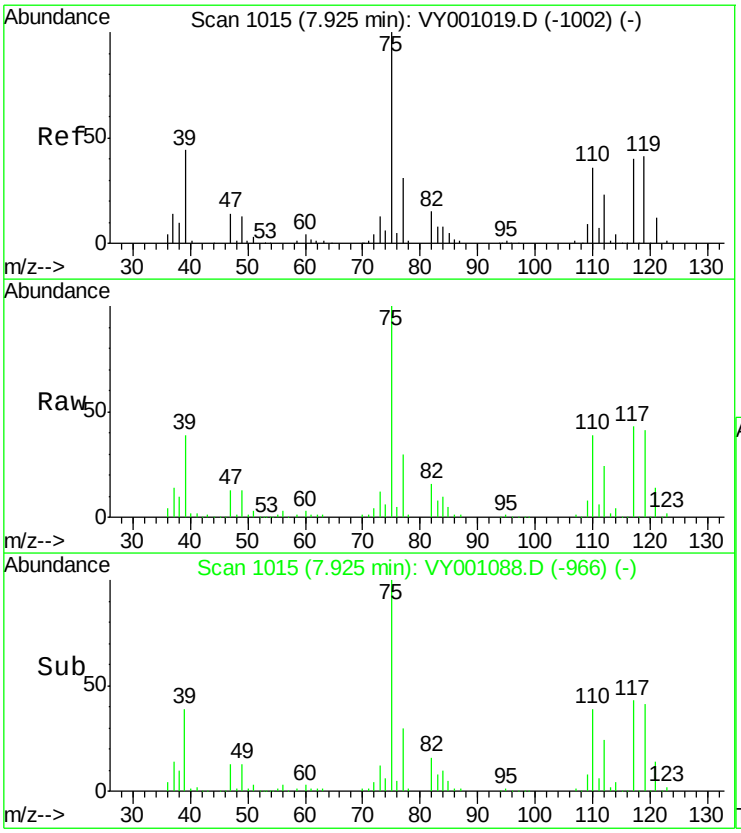

#35
Dibromofluoromethane
Concen: 48.453 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:113 Resp: 151462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 111 | 103.6 | 83.0 | 124.4 |
| 192 | 19.1 | 14.6 | 21.8 |

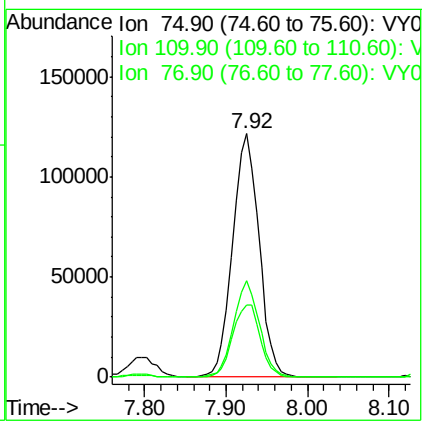


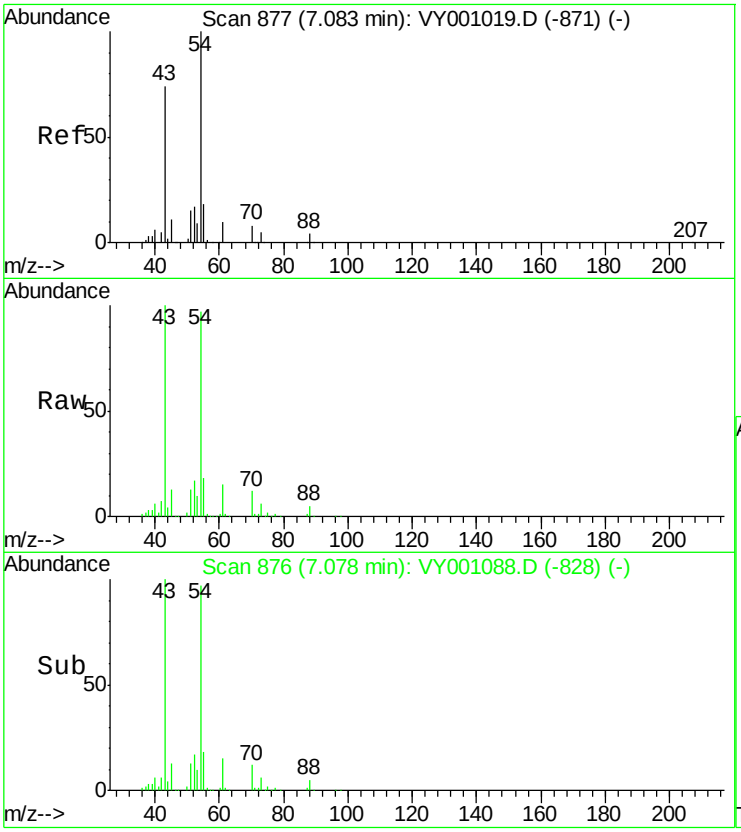




#36
1,1-Dichloropropene
Concen: 53.522 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 75 Resp: 271049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 110 | 38.2 | 18.1 | 54.4 |
| 77 | 31.3 | 24.6 | 37.0 |



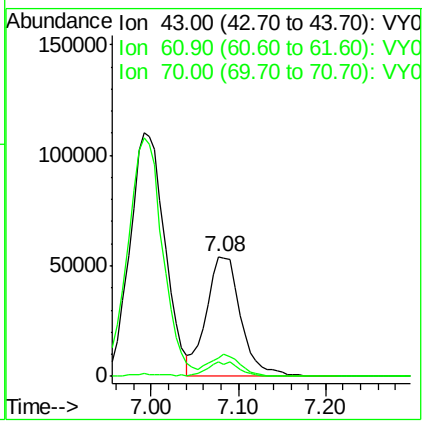


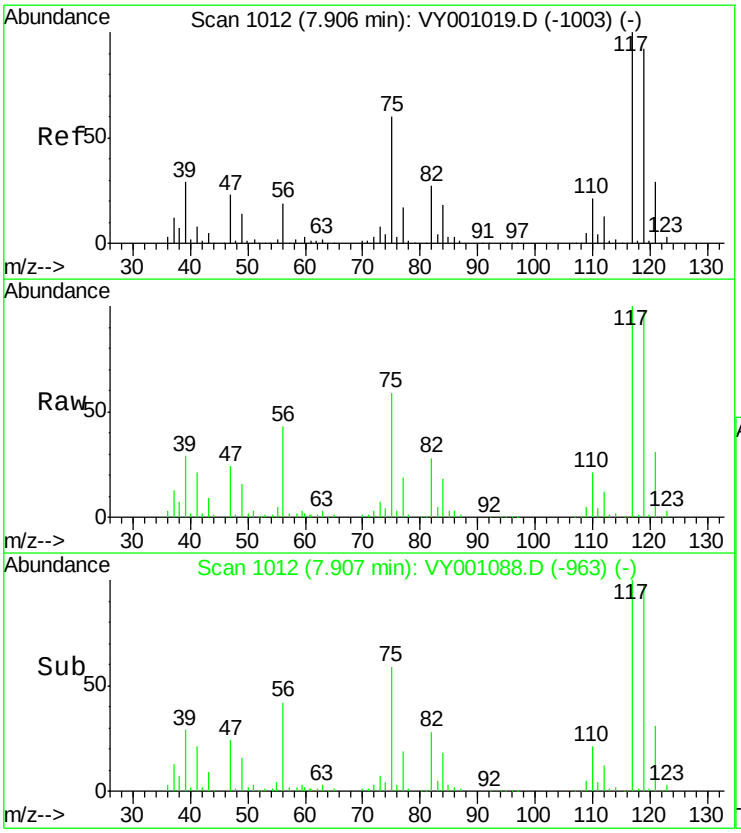

#37
Ethyl Acetate
Concen: 52.774 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 43 Resp: 147986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 16.6 | 12.5 | 18.7 |
| 70 | 11.8 | 9.0 | 13.4 |

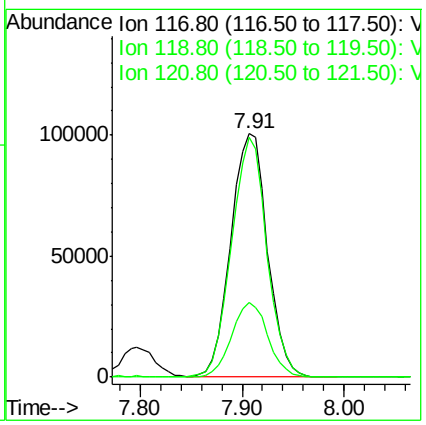


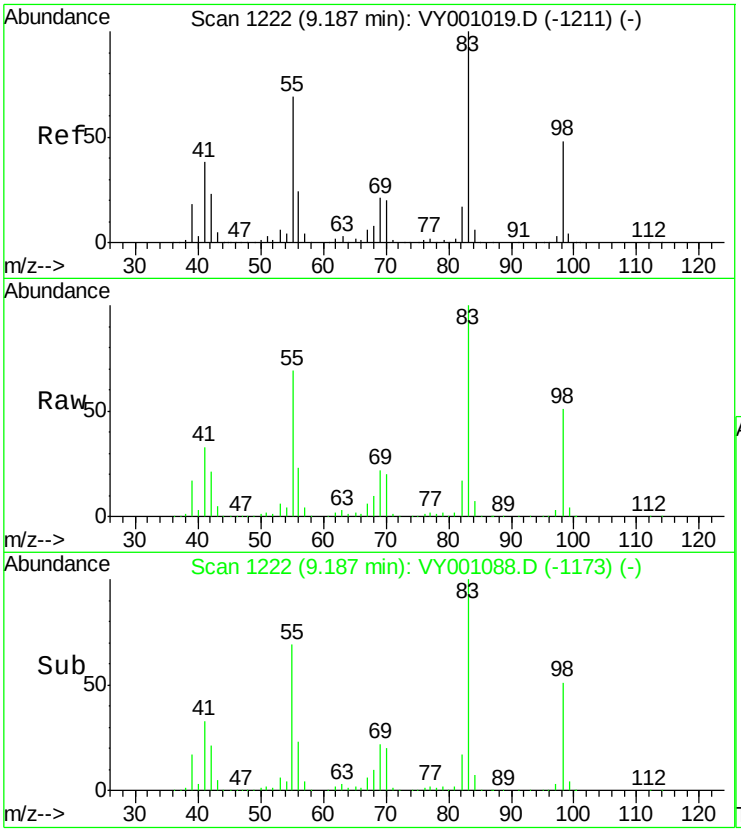




#38
Carbon Tetrachloride
Concen: 56.506 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion:117 Resp: 250723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 98.5 | 74.2 | 111.2 |
| 121 | 30.9 | 22.9 | 34.3 |



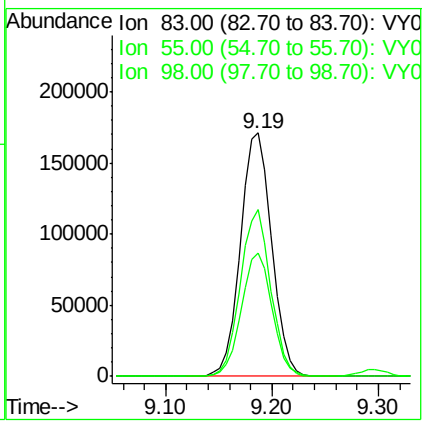


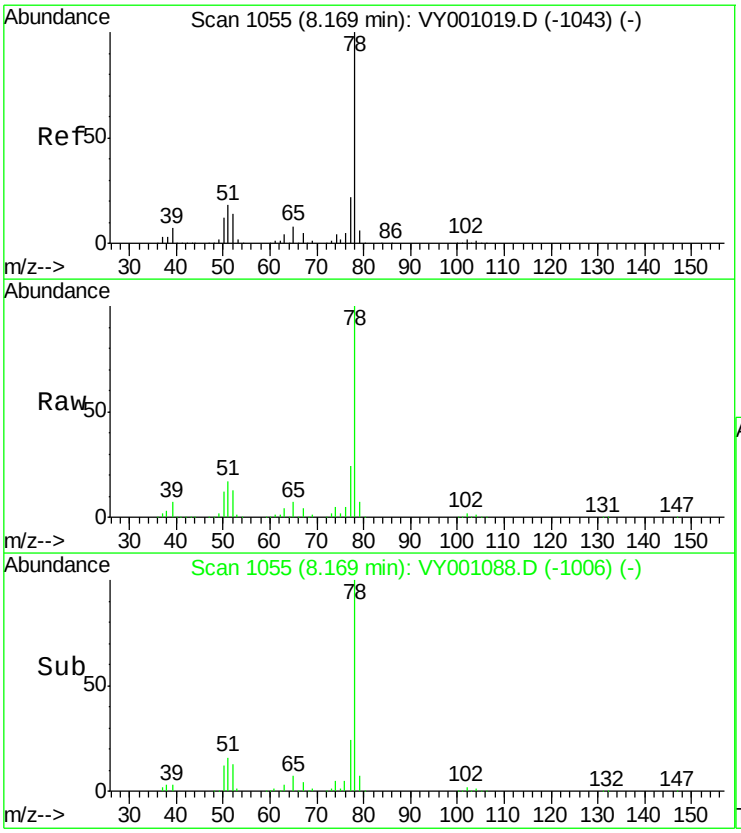

#39
Methylcyclohexane
Concen: 52.454 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 83 Resp: 352764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 55 | 68.7 | 55.1 | 82.7 |
| 98 | 50.9 | 38.3 | 57.5 |

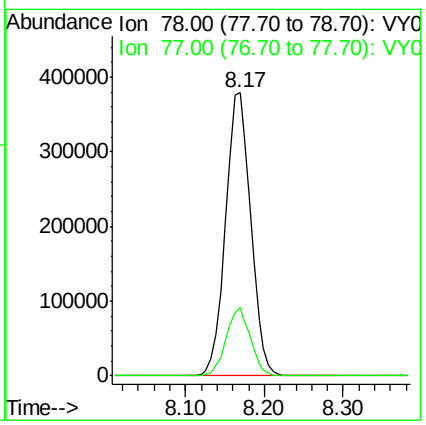


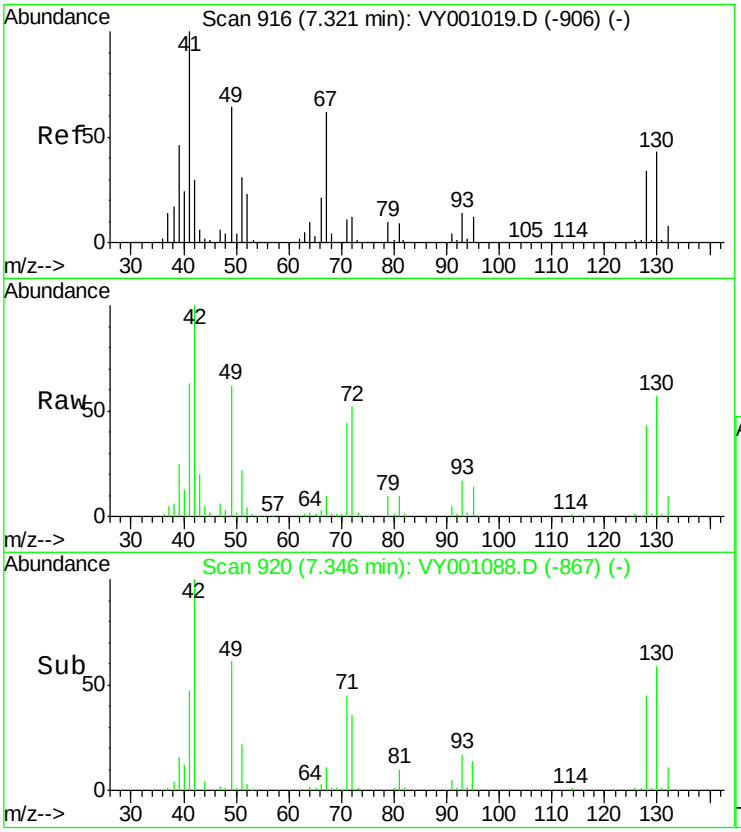




#40
Benzene
Concen: 55.154 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 78 Resp: 842652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 78 | 100 | | |
| 77 | 23.9 | 17.7 | 26.5 |



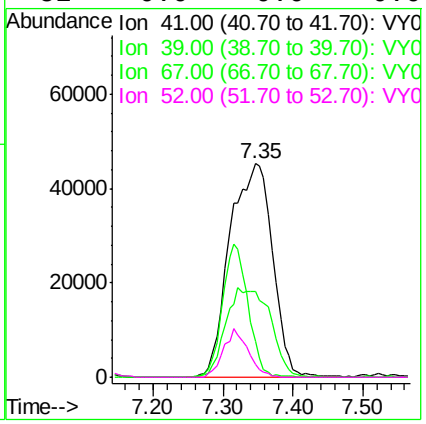


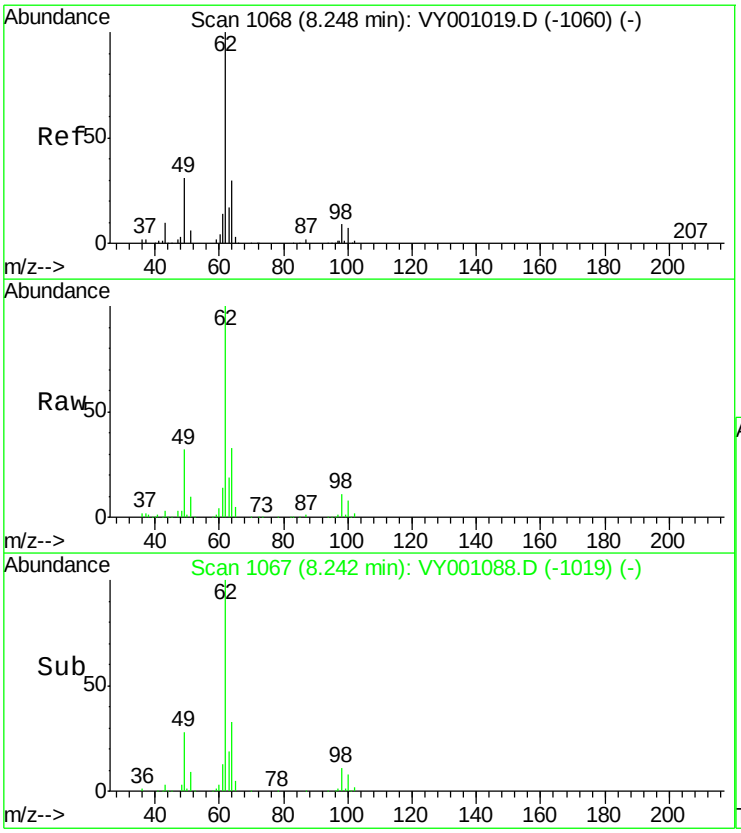

#41
Methacrylonitrile
Concen: 157.552 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.02 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 41 Resp: 191544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 39 | 0.0 | 0.0 | 0.0 |
| 67 | 0.0 | 0.0 | 0.0 |
| 52 | 0.0 | 0.0 | 0.0 |

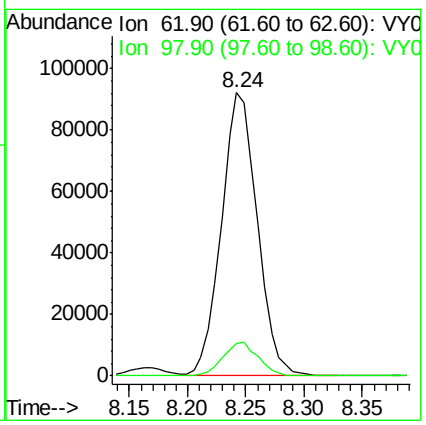


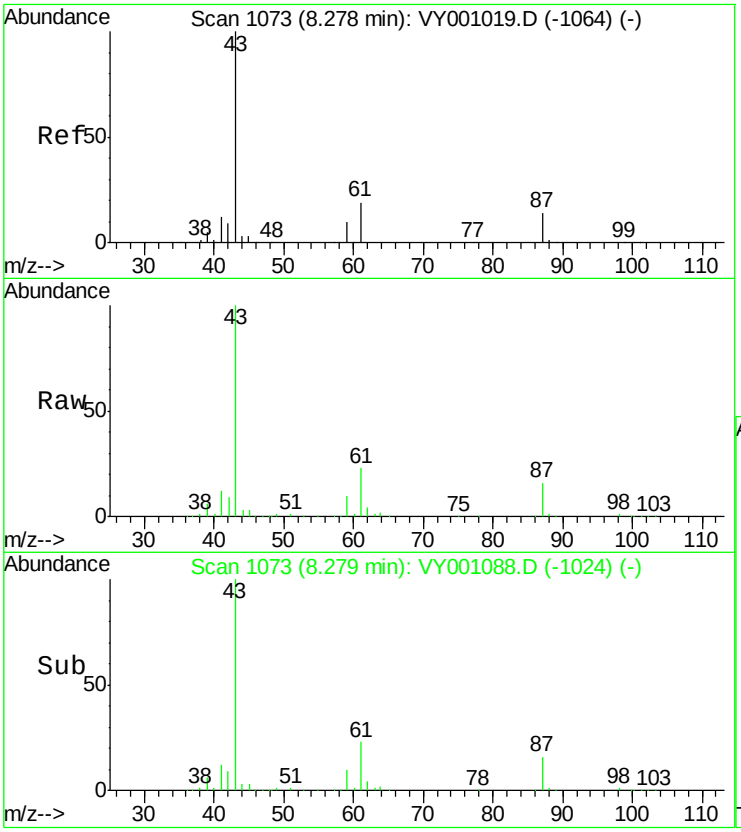




#42
1,2-Dichloroethane
Concen: 53.966 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 62 Resp: 197128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 62 | 100 | | |
| 98 | 11.7 | 0.0 | 23.4 |



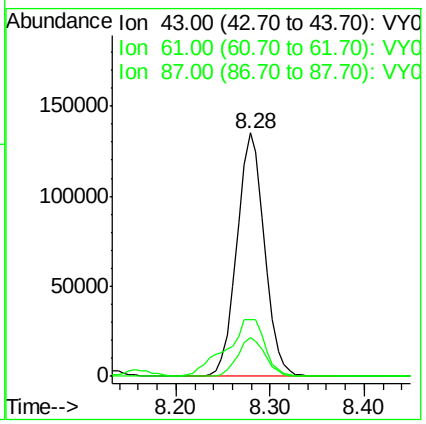


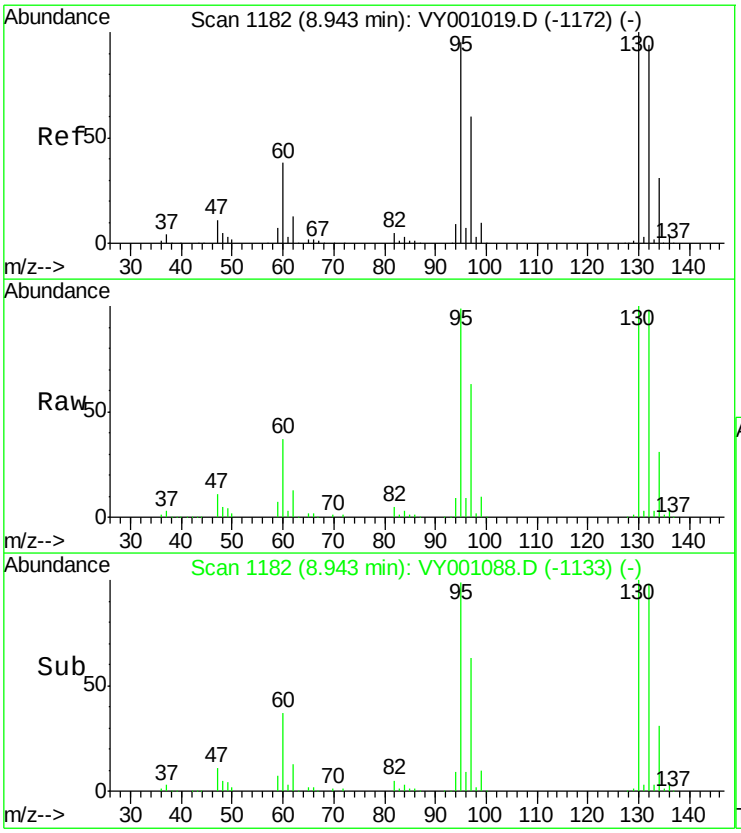

#43
Isopropyl Acetate
Concen: 53.064 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 43 Resp: 275454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 61 | 32.8 | 25.0 | 37.6 |
| 87 | 16.0 | 12.0 | 18.0 |

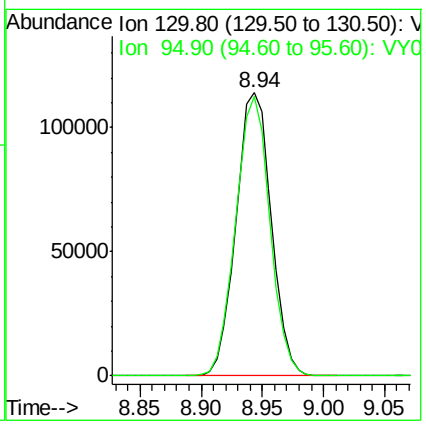


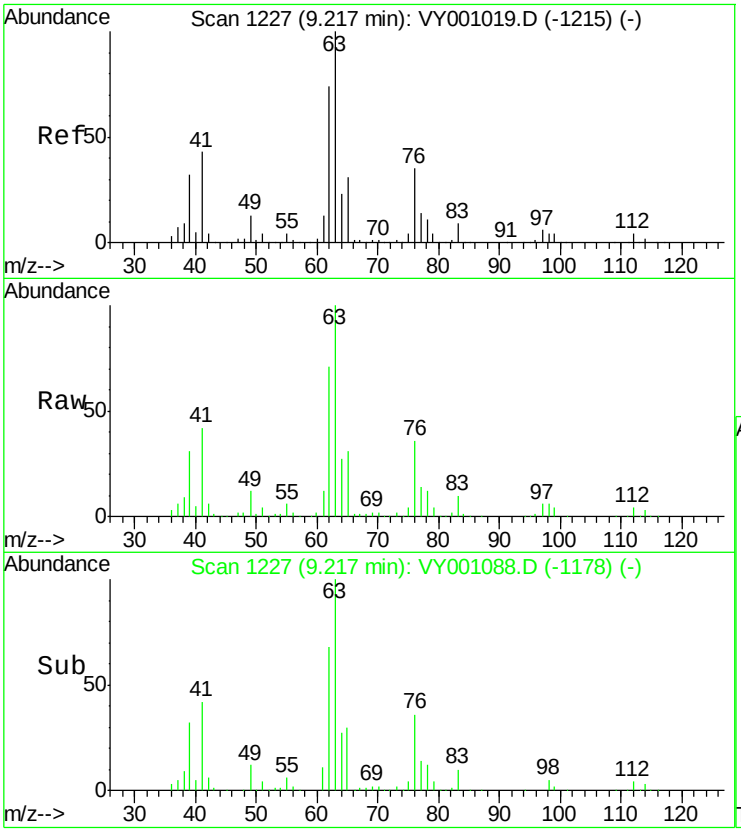




#44
Trichloroethene
Concen: 56.594 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion:130 Resp: 227820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 130 | 100 | | |
| 95 | 98.6 | 0.0 | 190.6 |



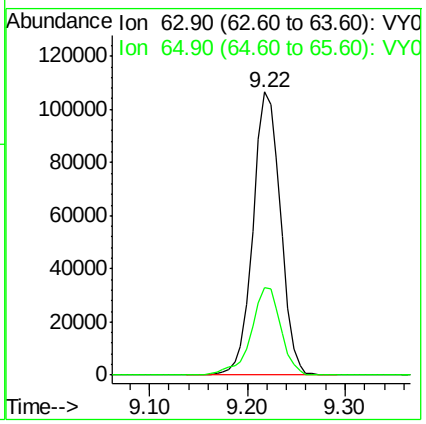


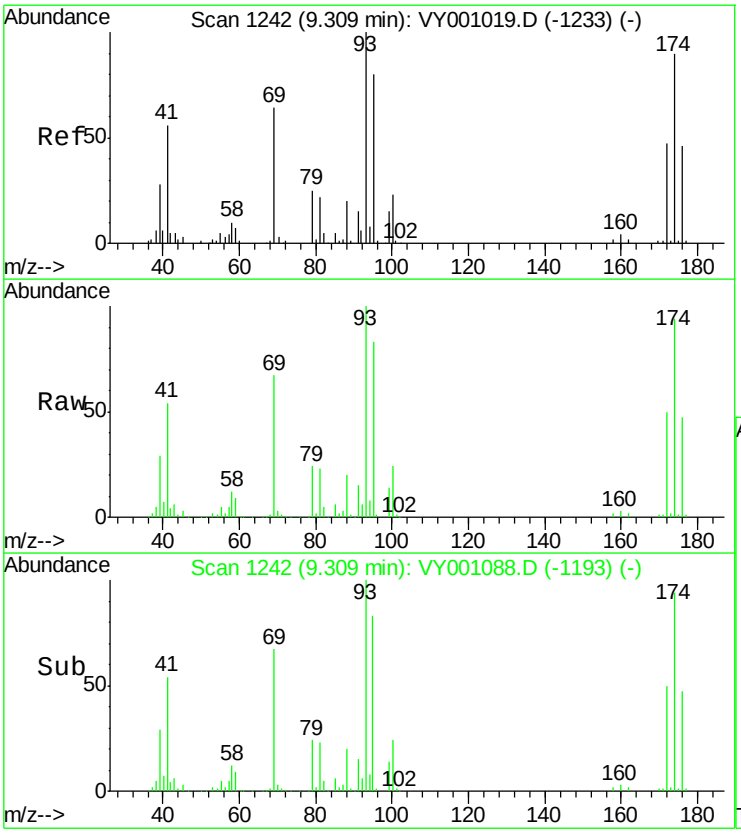

#45
1,2-Dichloropropane
Concen: 54.696 ug/l
RT: 9.22 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 63 Resp: 209641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 65 | 30.8 | 25.1 | 37.7 |

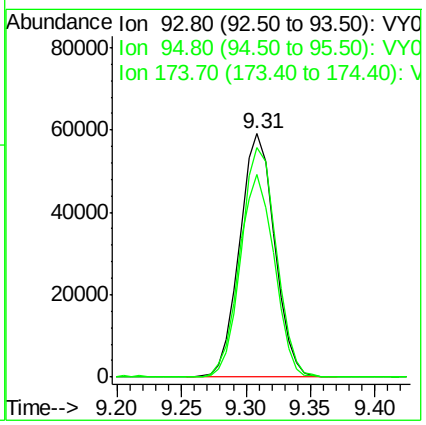


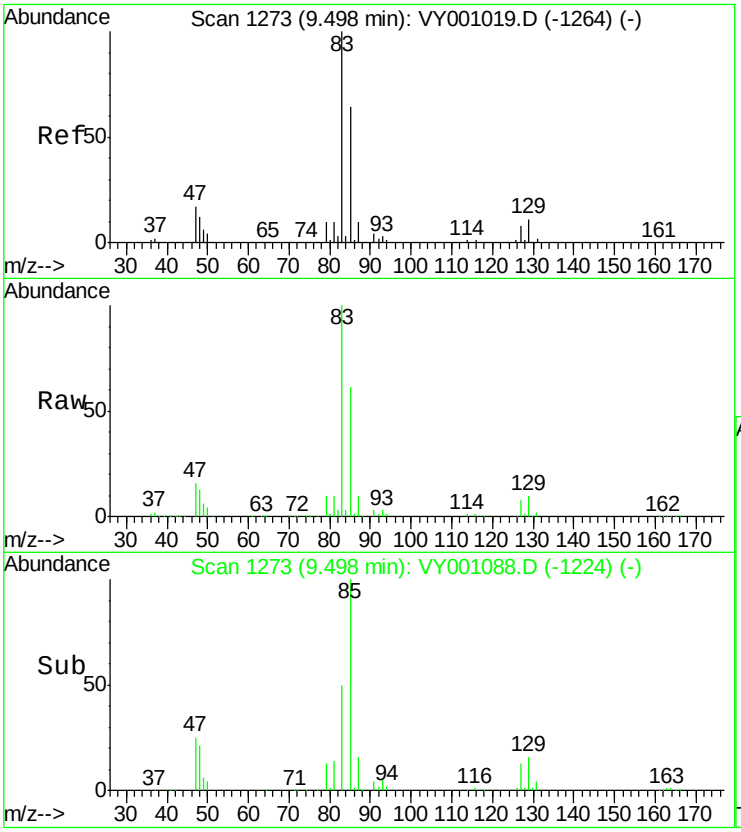




#46
Dibromomethane
Concen: 56.107 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 93 Resp: 110855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 83.5 | 66.7 | 100.1 |
| 174 | 94.0 | 73.6 | 110.4 |



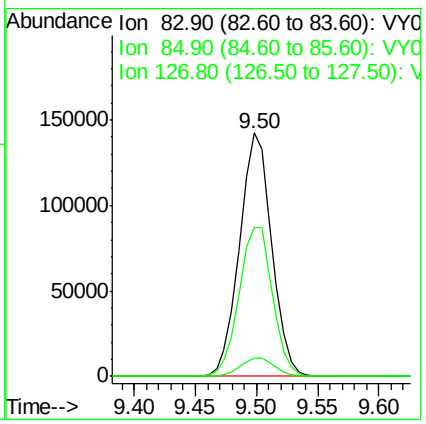


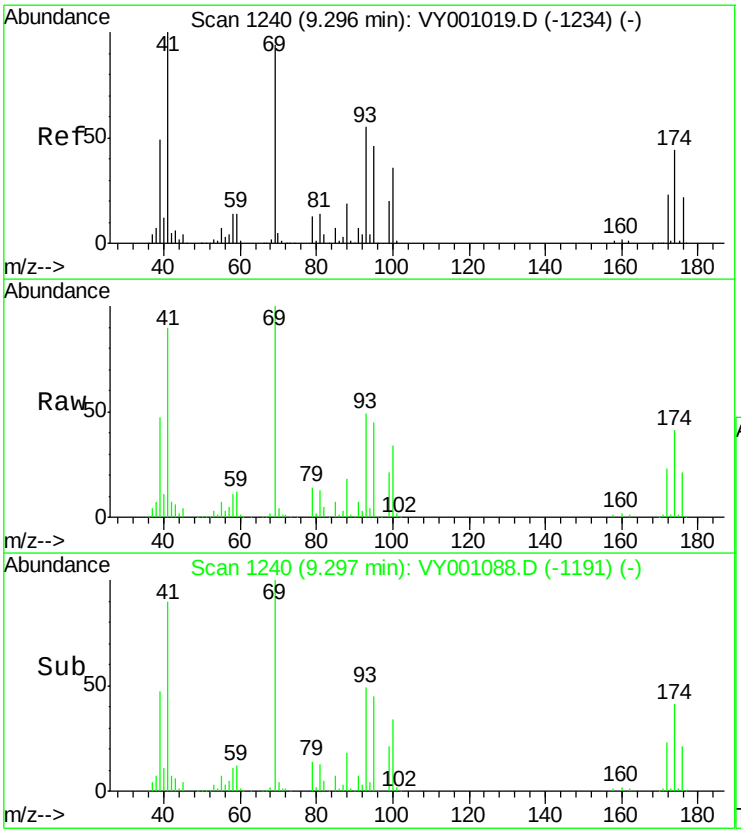

#47
Bromodichloromethane
Concen: 56.778 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 259852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 85 | 61.1 | 50.9 | 76.3 |
| 127 | 7.7 | 6.4 | 9.6 |

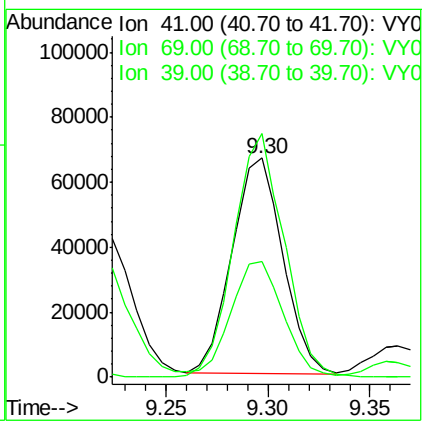


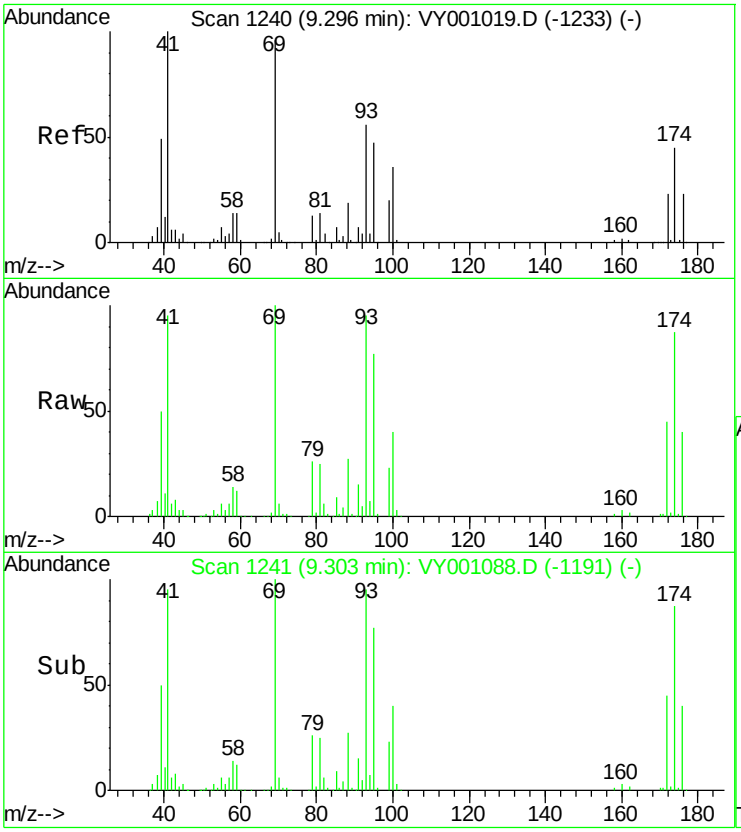




#48
Methyl methacrylate
Concen: 52.002 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 41 Resp: 115194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 41 | 100 | | |
| 69 | 112.0 | 79.8 | 119.6 |
| 39 | 55.3 | 41.7 | 62.5 |



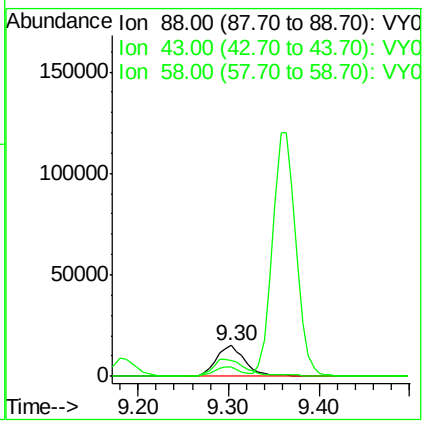


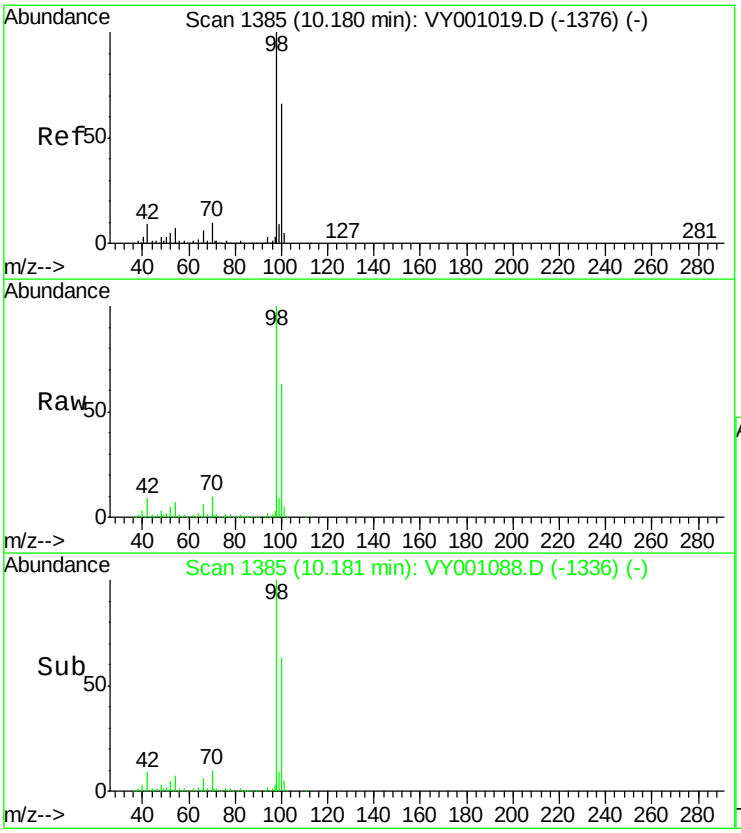

#49
1,4-Dioxane
Concen: 1171.776 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 88 Resp: 33867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 29.2 | 23.0 | 34.4 |
| 58 | 62.2 | 54.9 | 82.3 |

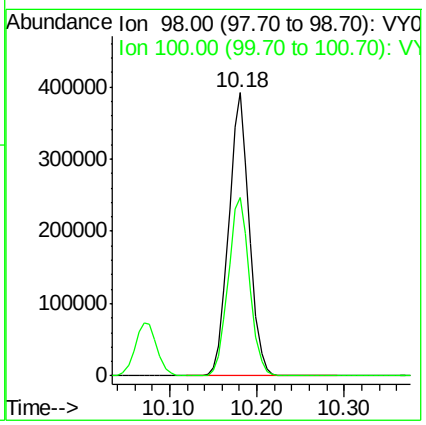


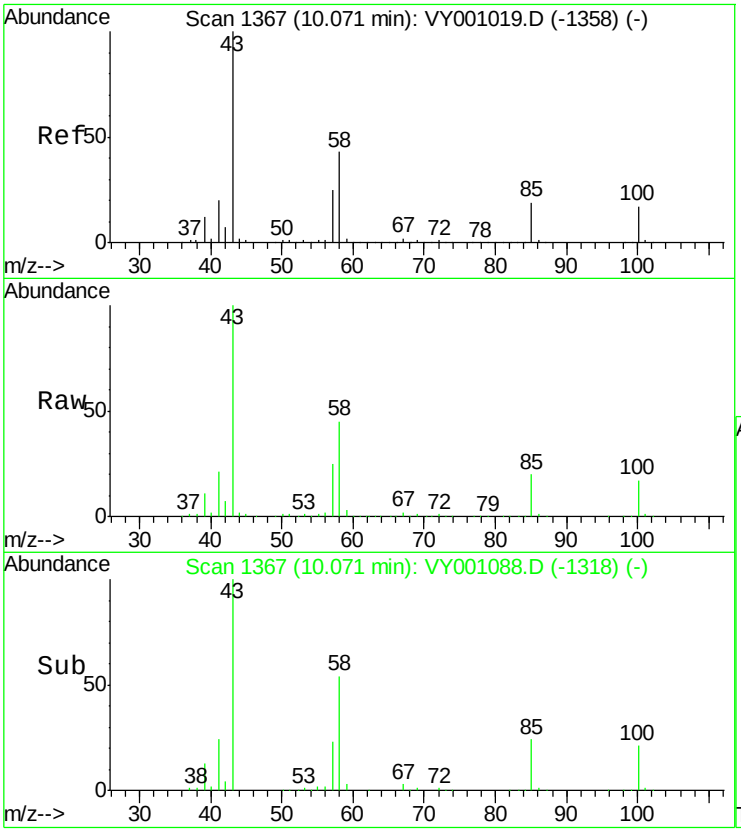




#50
Toluene-d8
Concen: 52.192 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 98 Resp: 637585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 98 | 100 | | |
| 100 | 65.9 | 53.0 | 79.4 |



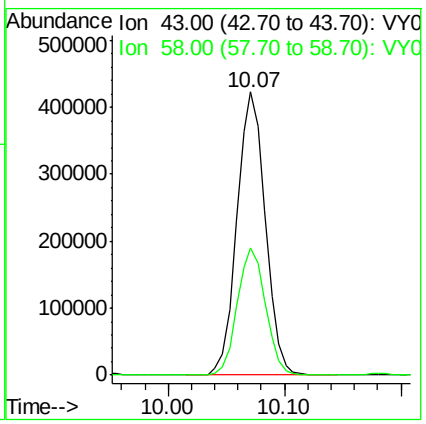


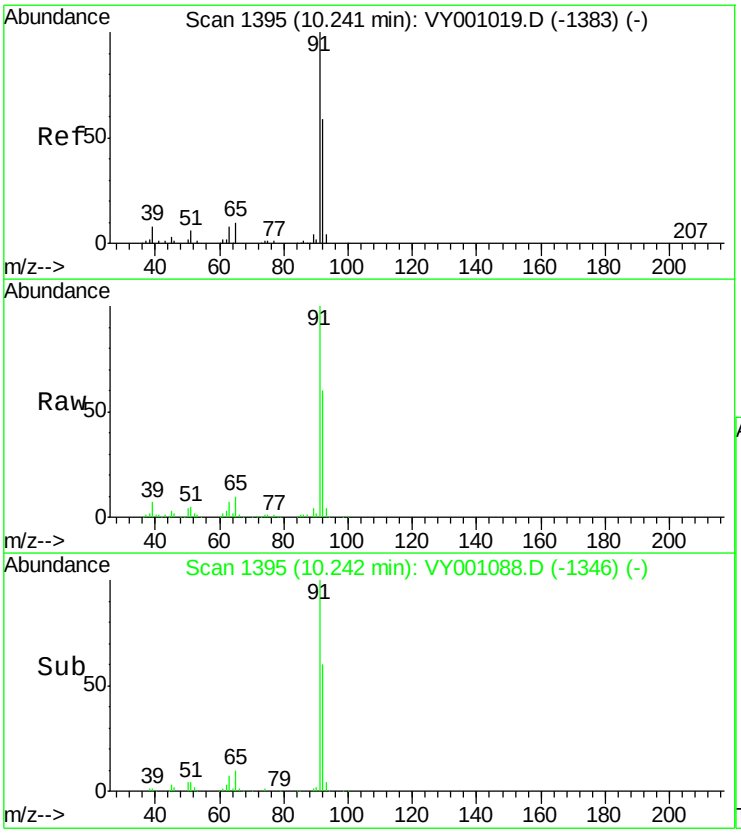

#51
4-Methyl-2-Pentanone
Concen: 265.617 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 43 Resp: 718654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 44.6 | 34.6 | 52.0 |

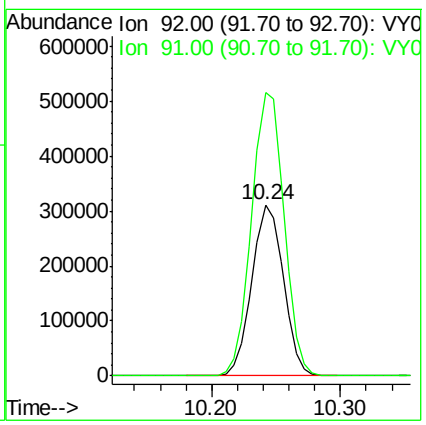


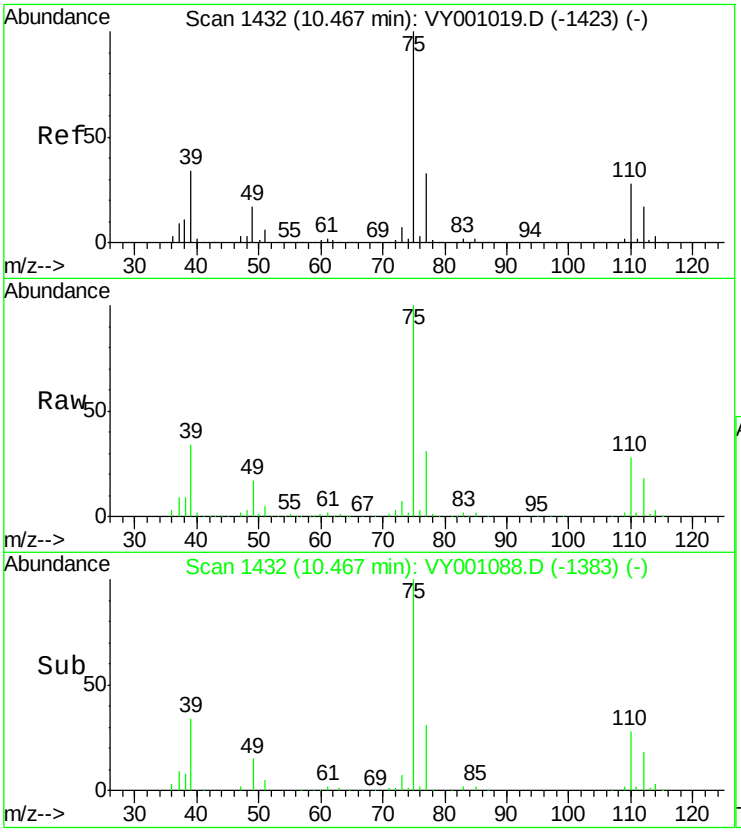




#52
Toluene
Concen: 56.002 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 92 Resp: 526623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 92 | 100 | | |
| 91 | 170.2 | 135.7 | 203.5 |



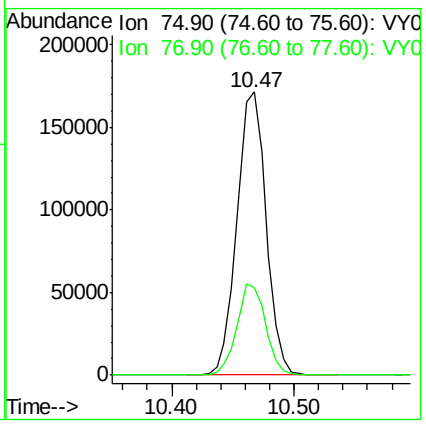


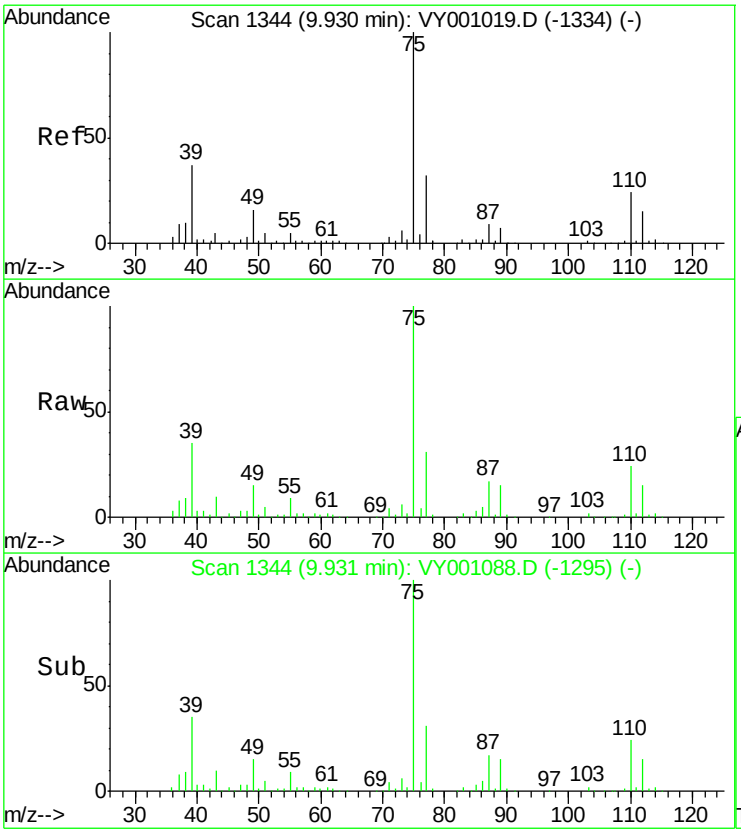

#53
t-1,3-Dichloropropene
Concen: 56.845 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 75 Resp: 282347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 31.0 | 26.5 | 39.7 |

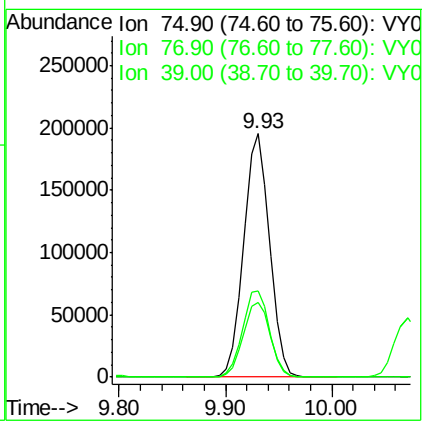


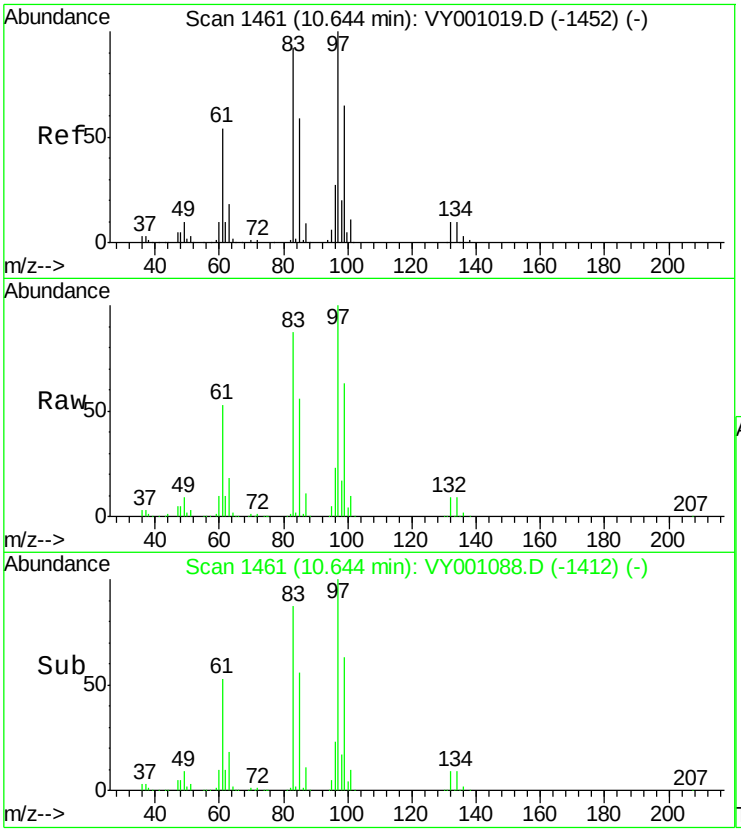




#54
cis-1,3-Dichloropropene
Concen: 55.871 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 75 Resp: 333692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 30.8 | 25.2 | 37.8 |
| 39 | 35.2 | 29.5 | 44.3 |



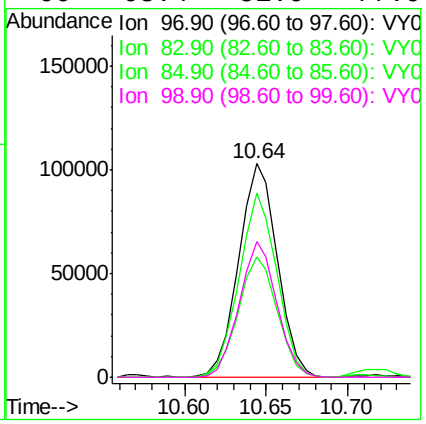


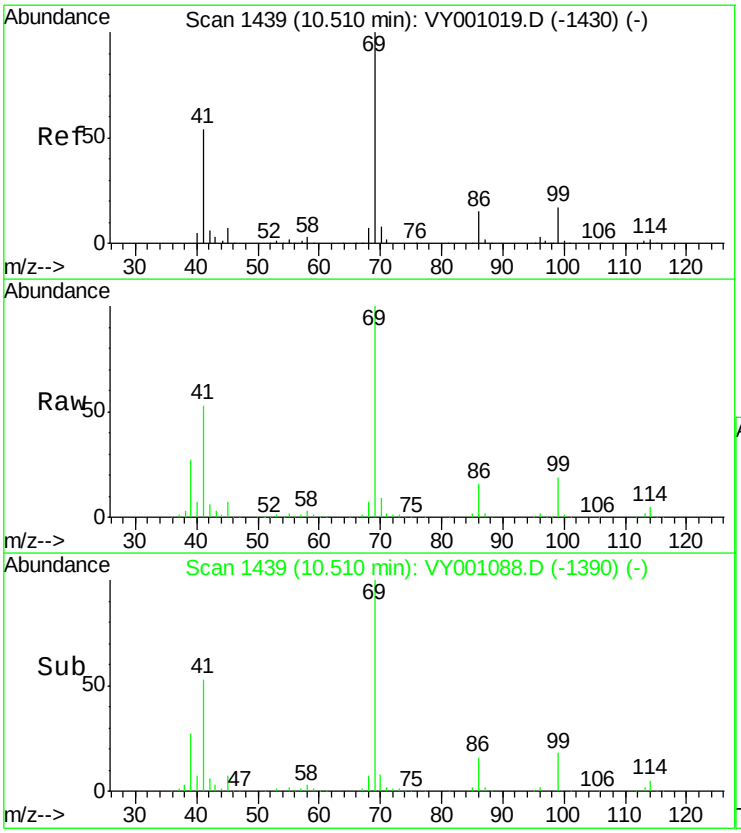

#55
1,1,2-Trichloroethane
Concen: 57.581 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 97 Resp: 169841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 97 | 100 | | |
| 83 | 86.6 | 73.7 | 110.5 |
| 85 | 56.1 | 47.3 | 70.9 |
| 99 | 63.4 | 51.9 | 77.9 |

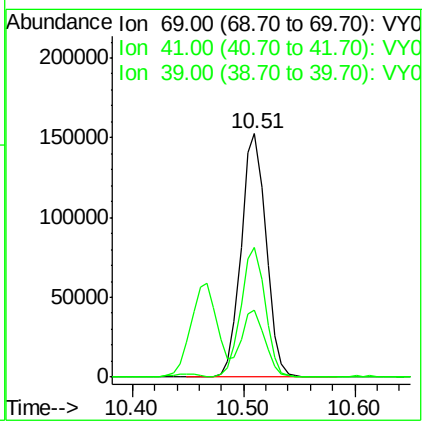


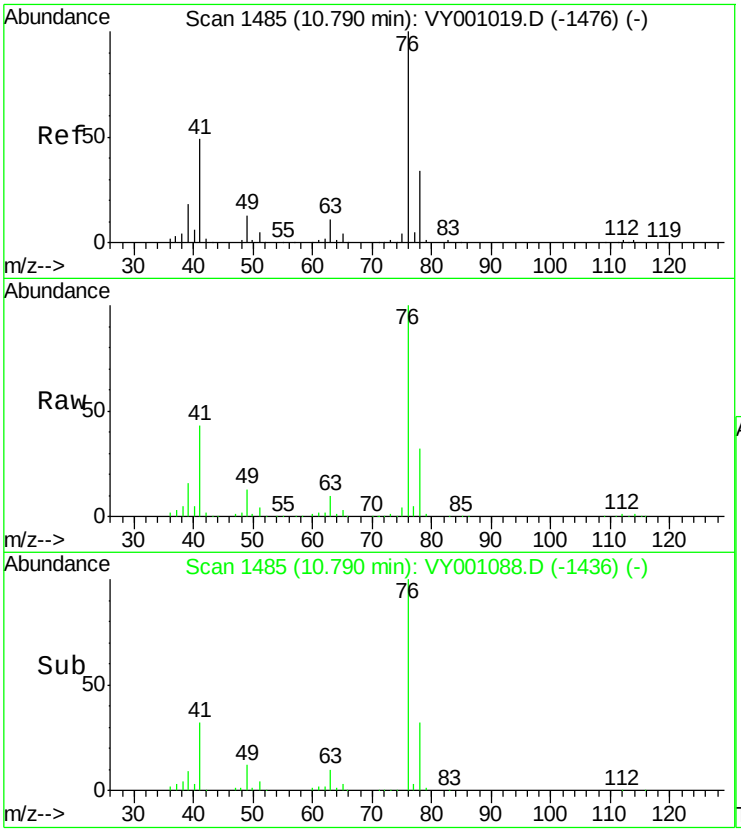




#56
Ethyl methacrylate
Concen: 56.622 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 69 Resp: 237698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 69 | 100 | | |
| 41 | 52.1 | 44.7 | 67.1 |
| 39 | 26.4 | 22.2 | 33.4 |



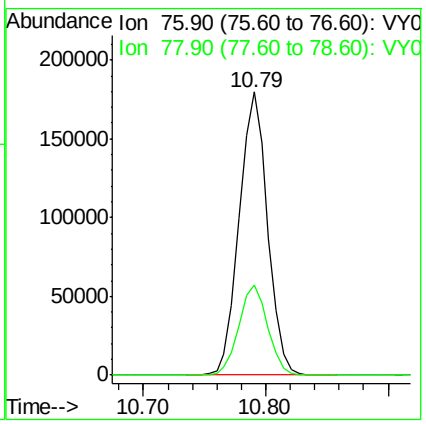


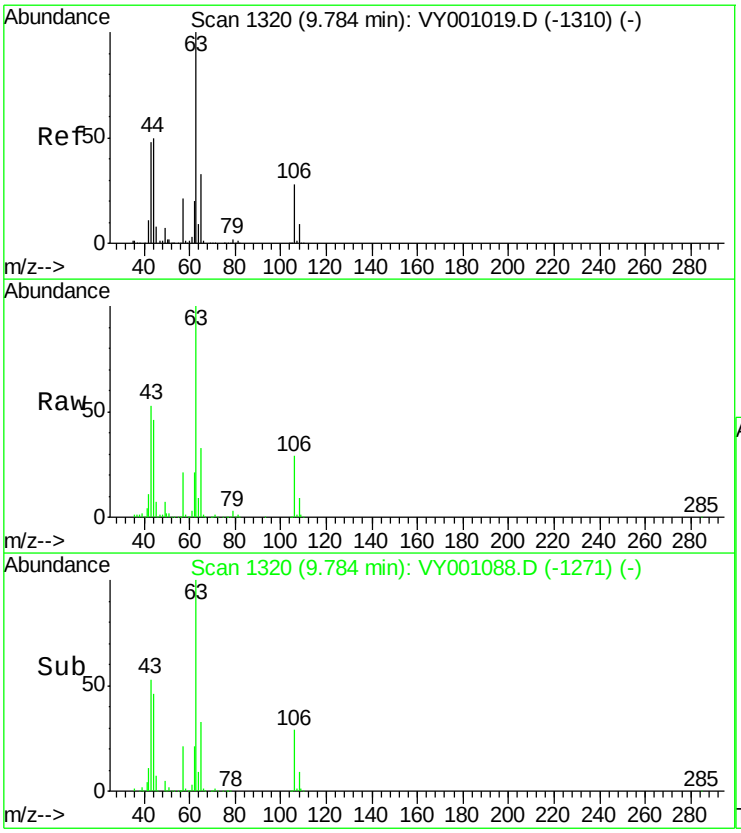

#57
1,3-Dichloropropane
Concen: 55.571 ug/l
RT: 10.79 min Scan# 1485
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 76 Resp: 287309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 76 | 100 | | |
| 78 | 32.4 | 25.8 | 38.8 |

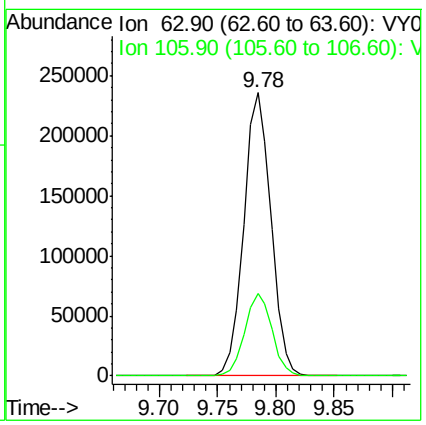


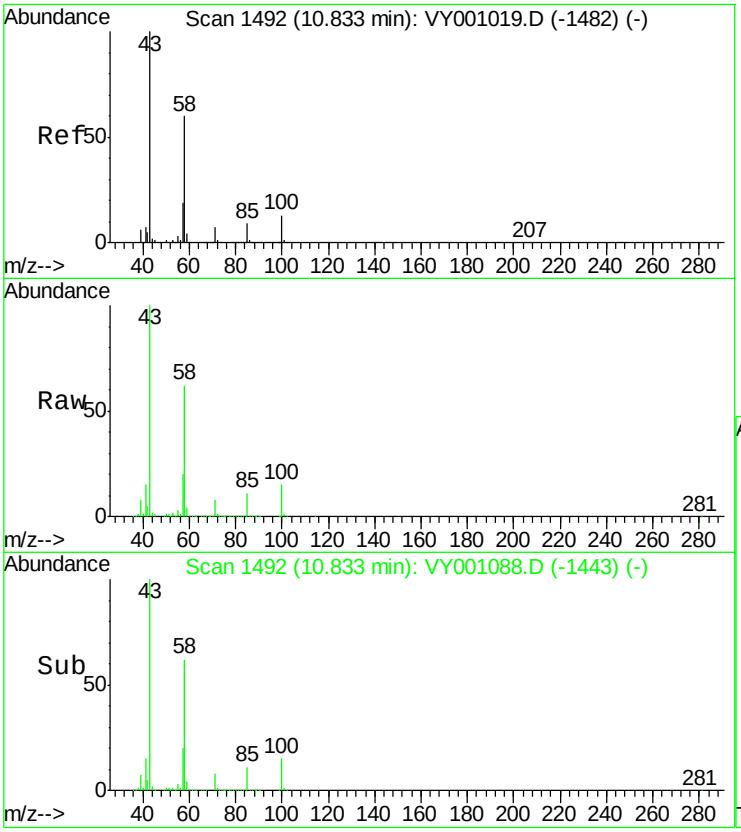




#58
2-Chloroethyl Vinyl ether
Concen: 236.897 ug/l
RT: 9.78 min Scan# 1320
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 63 Resp: 384109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 63 | 100 | | |
| 106 | 29.0 | 22.7 | 34.1 |



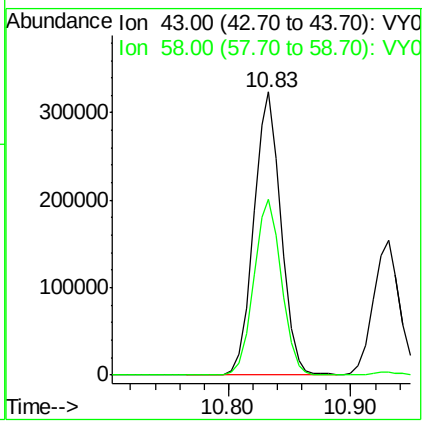


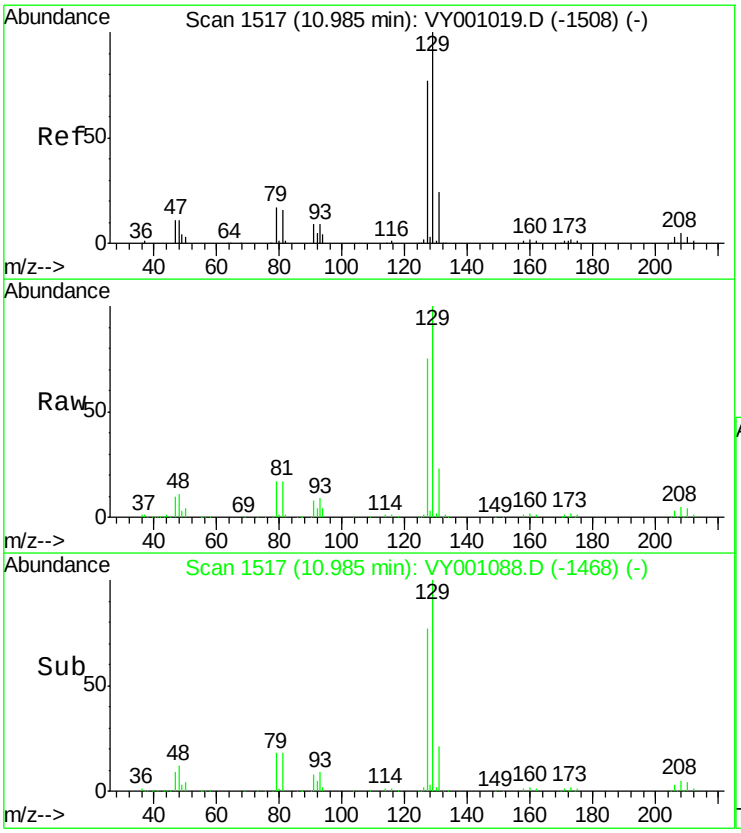

#59
2-Hexanone
Concen: 267.889 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 43 Resp: 501520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 58 | 63.0 | 30.6 | 91.6 |

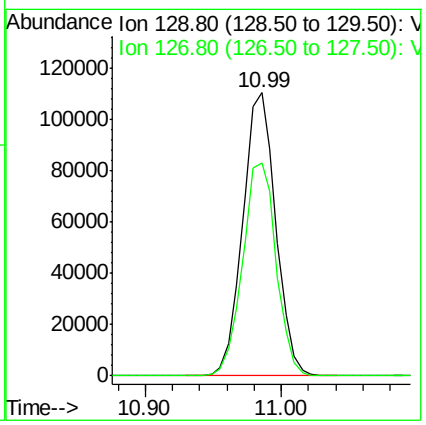


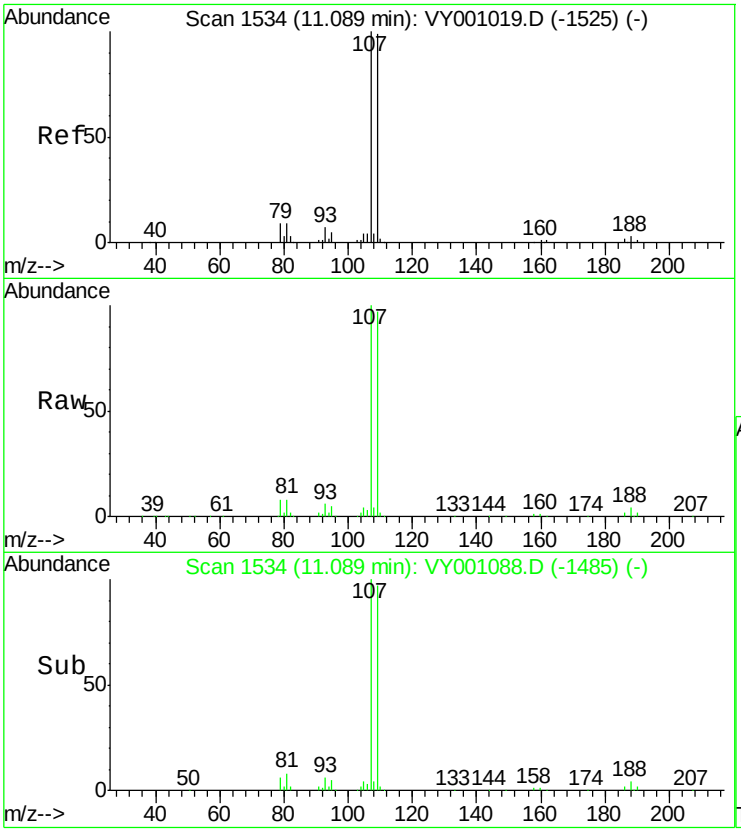




#60
Dibromochloromethane
Concen: 59.469 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion:129 Resp: 187370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 129 | 100 | | |
| 127 | 76.2 | 39.1 | 117.3 |



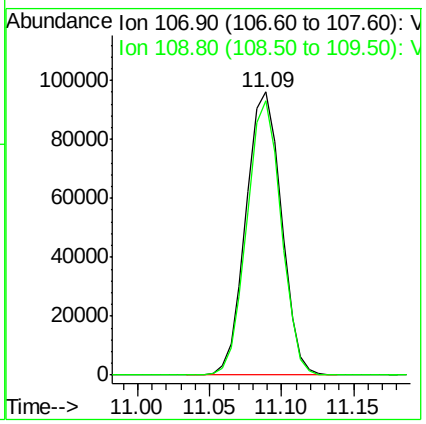


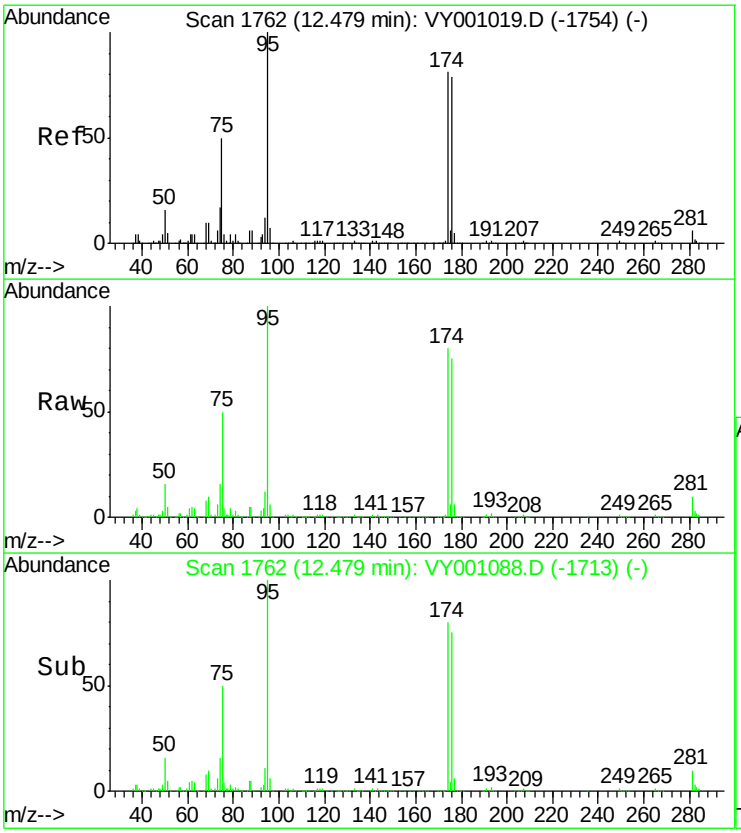

#61
1,2-Dibromoethane
Concen: 57.951 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion:107 Resp: 163456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 109 | 93.7 | 74.8 | 112.2 |

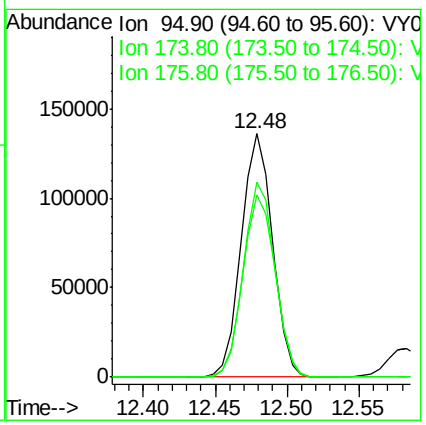


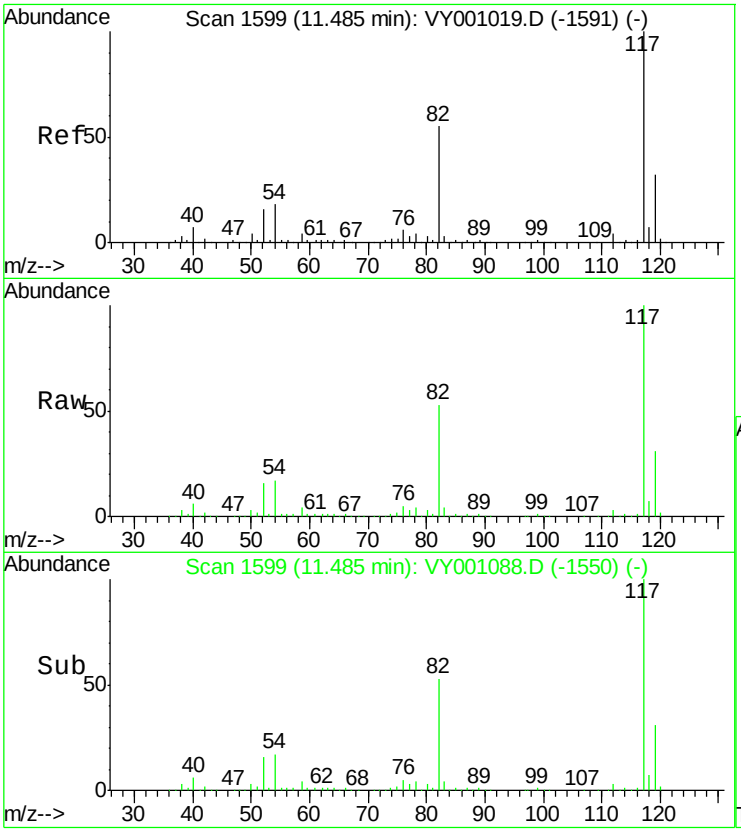




#62
4-Bromofluorobenzene
Concen: 45.677 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 95 Resp: 204016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 95 | 100 | | |
| 174 | 81.1 | 0.0 | 156.4 |
| 176 | 77.5 | 0.0 | 155.0 |



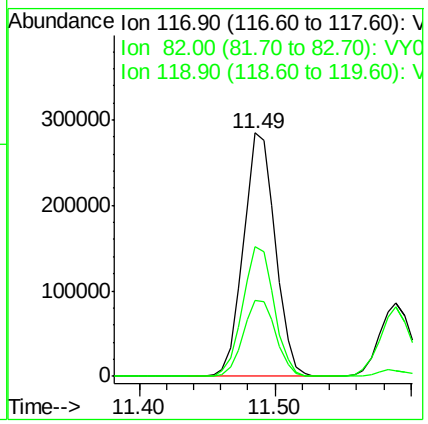


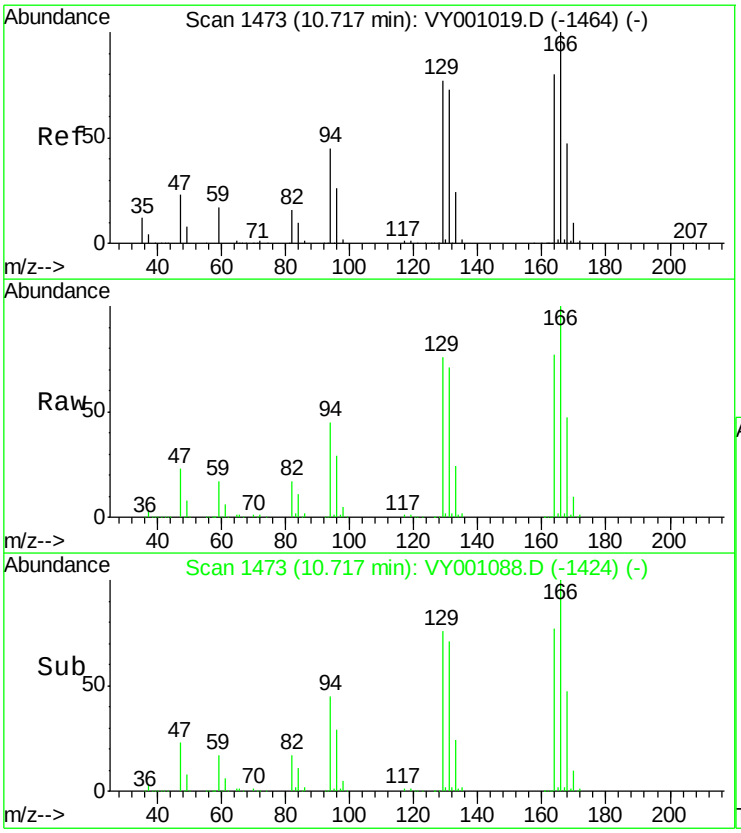

#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:117 Resp: 465919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 82 | 53.1 | 43.8 | 65.8 |
| 119 | 31.3 | 25.8 | 38.6 |

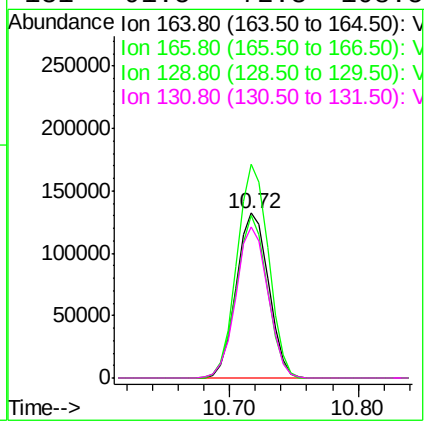


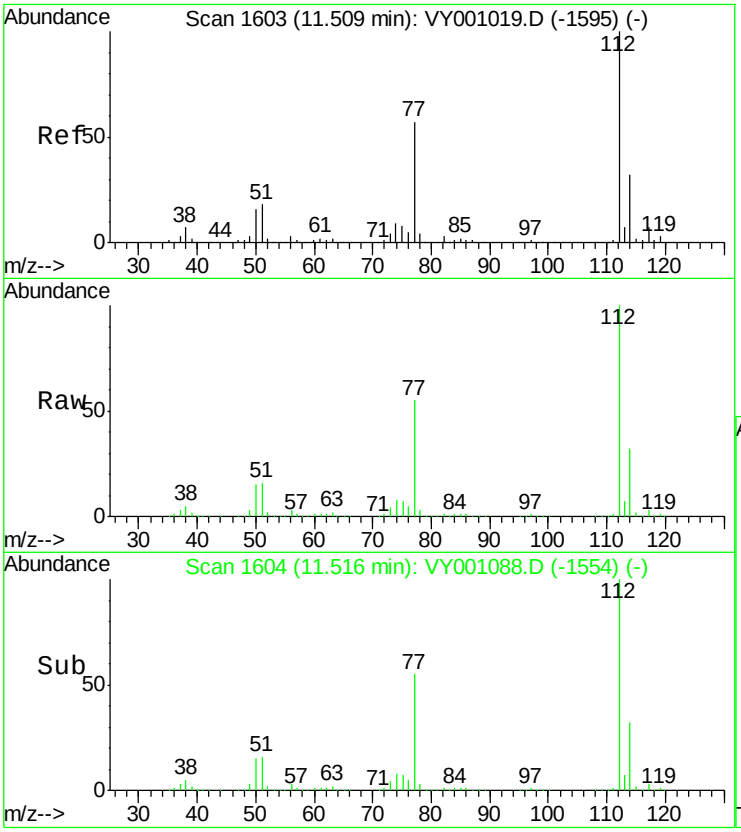




#64
Tetrachloroethene
Concen: 56.715 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion:164 Resp: 228636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 166 | 129.5 | 99.7 | 149.5 |
| 129 | 98.7 | 76.9 | 115.3 |
| 131 | 91.5 | 72.3 | 108.5 |



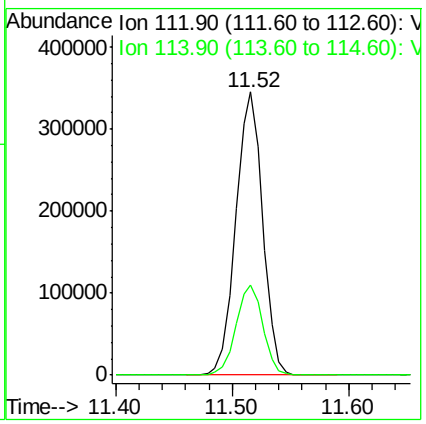


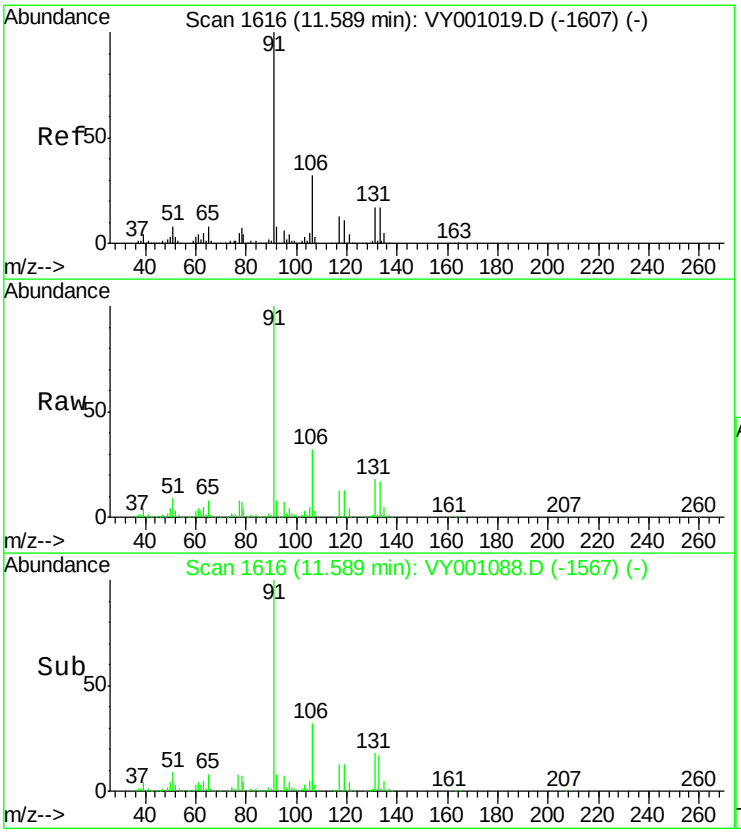

#65
Chlorobenzene
Concen: 57.090 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion:112 Resp: 551751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 114 | 31.8 | 25.4 | 38.2 |

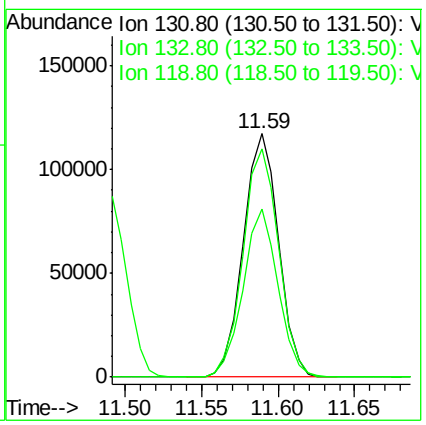


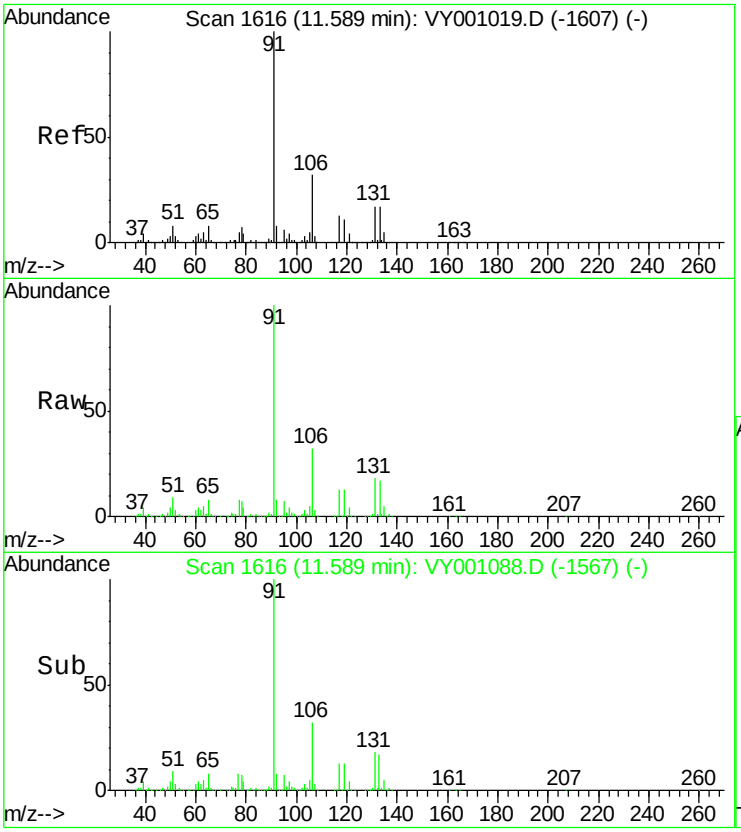




#66
1,1,1,2-Tetrachloroethane
Concen: 58.921 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion:131 Resp: 187922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 131 | 100 | | |
| 133 | 94.9 | 48.1 | 144.4 |
| 119 | 68.4 | 34.0 | 101.8 |



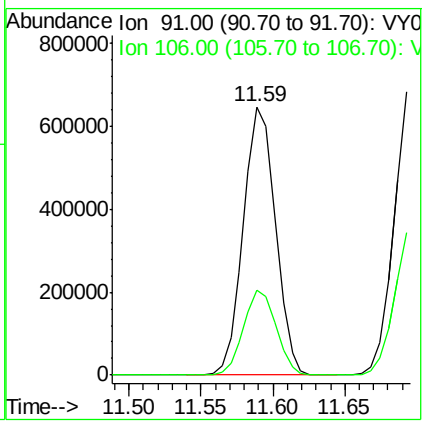


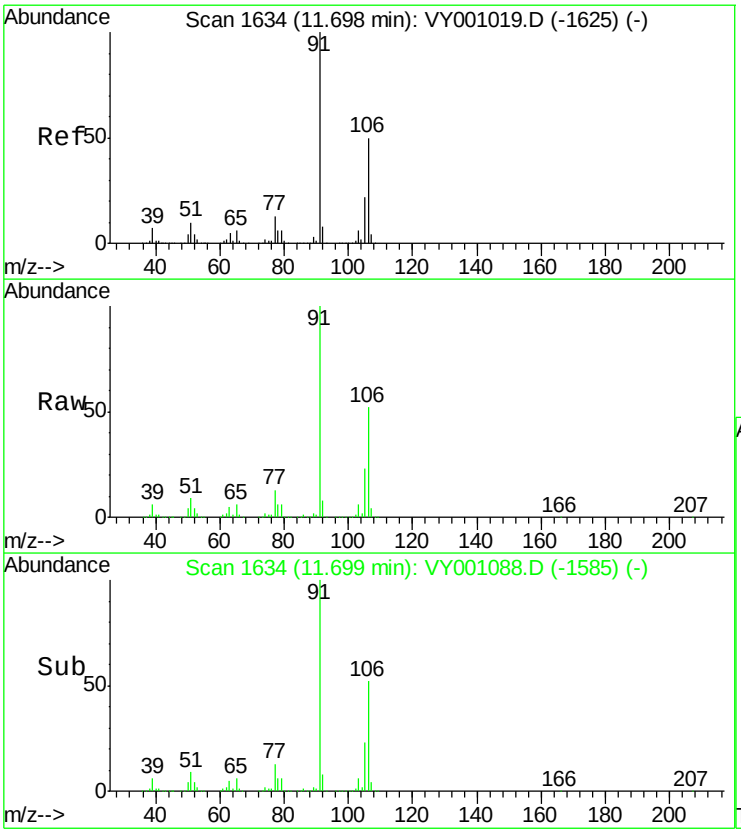

#67
Ethyl Benzene
Concen: 57.400 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 91 Resp: 997801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 106 | 31.8 | 25.3 | 37.9 |

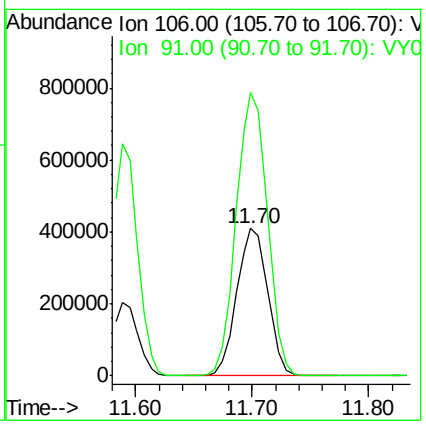


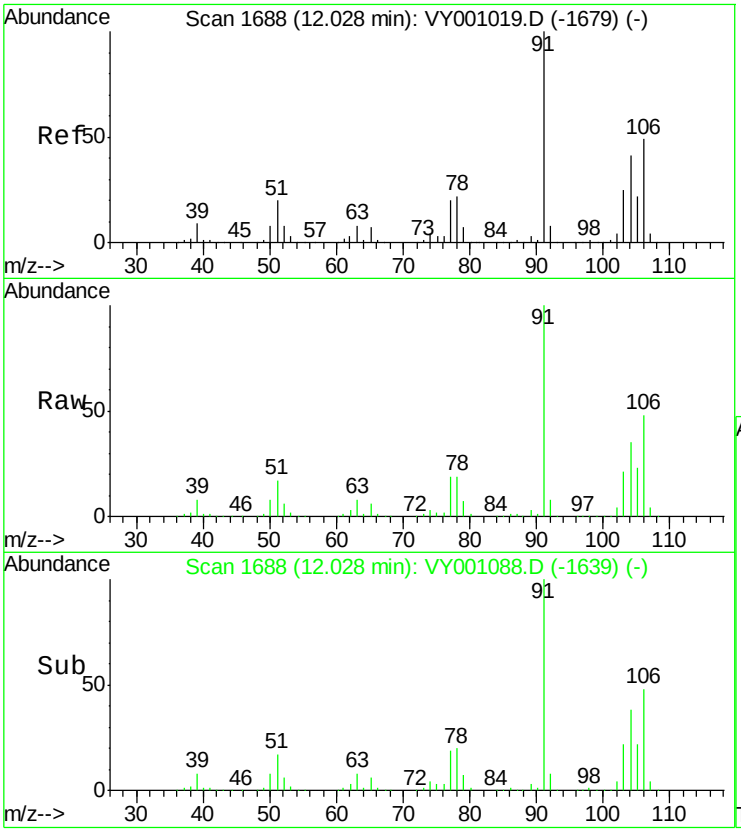




#68
m/p-Xylenes
Concen: 115.383 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion:106 Resp: 761576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 193.2 | 156.4 | 234.6 |



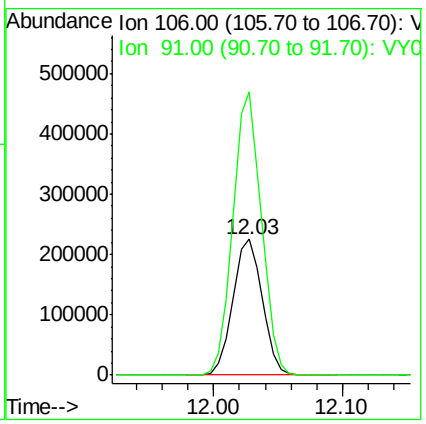


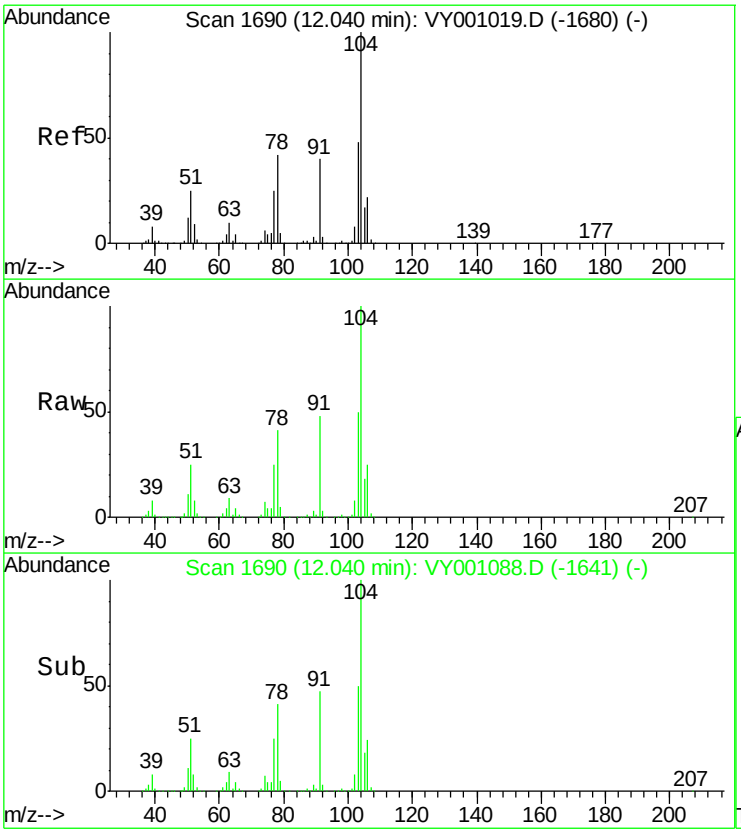

#69
o-Xylene
Concen: 57.289 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:106 Resp: 355735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 106 | 100 | | |
| 91 | 202.7 | 103.0 | 309.0 |

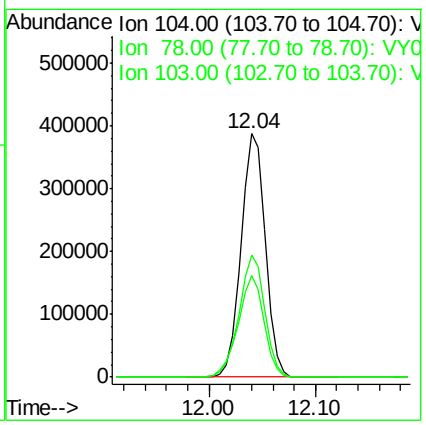


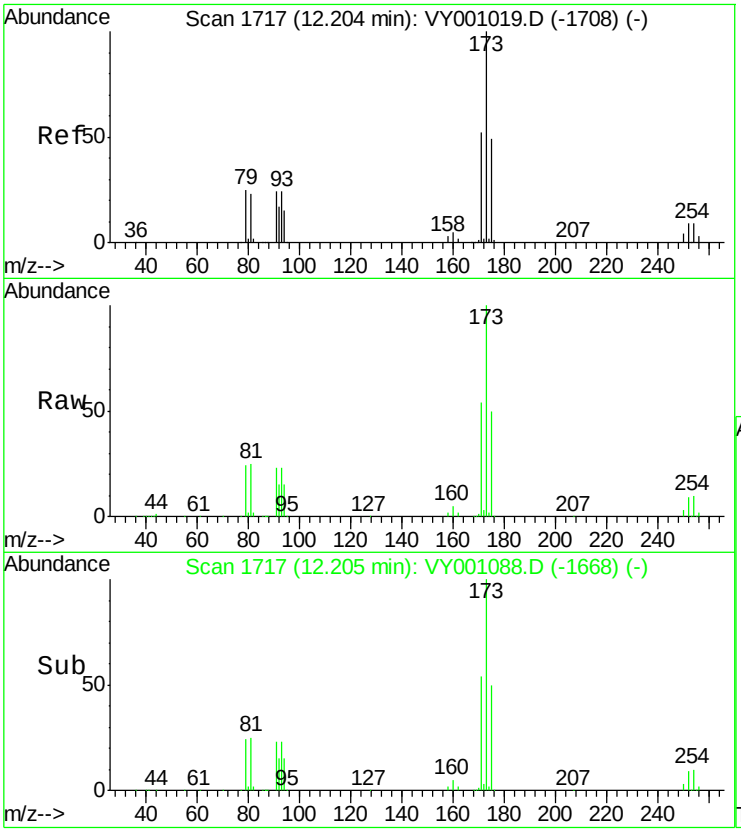




#70
Styrene
Concen: 58.631 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion:104 Resp: 619041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 104 | 100 | | |
| 78 | 44.5 | 36.6 | 54.8 |
| 103 | 53.1 | 42.6 | 64.0 |



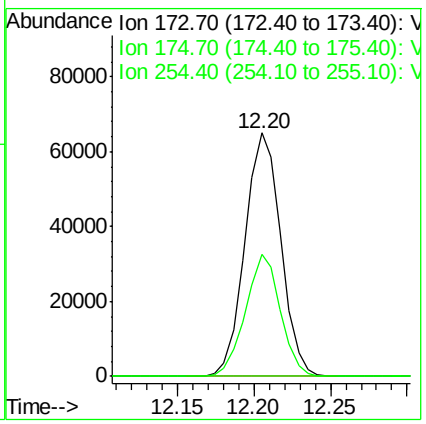


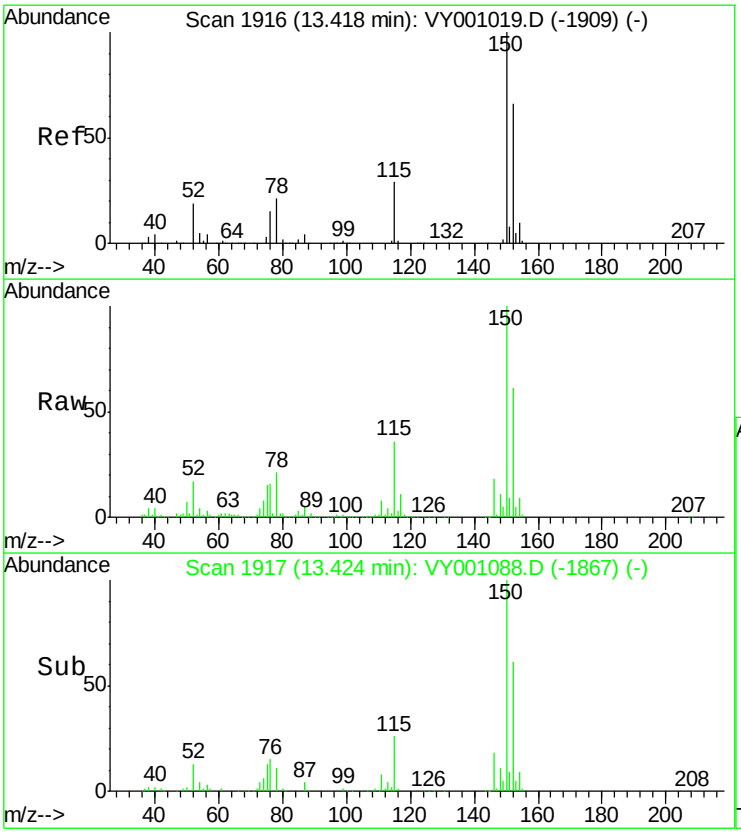

#71
Bromoform
Concen: 59.665 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:173 Resp: 105958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 173 | 100 | | |
| 175 | 48.7 | 24.5 | 73.5 |
| 254 | 0.2 | 0.0 | 0.0# |

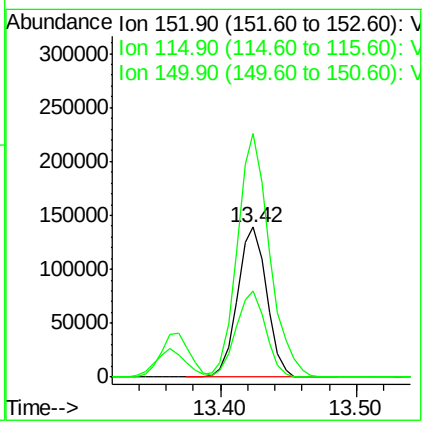


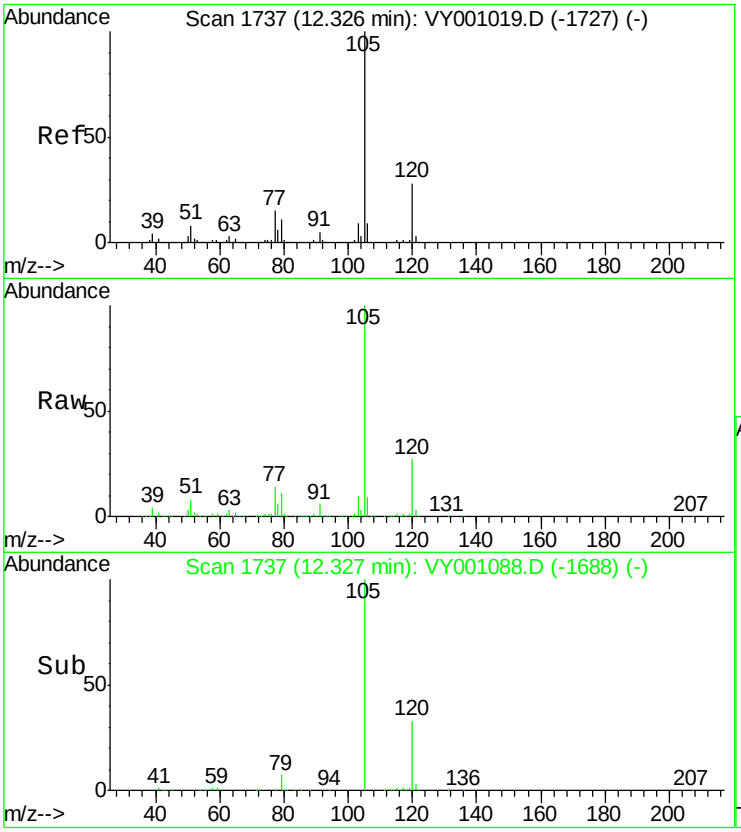




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion:152 Resp: 207534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 115 | 58.2 | 29.8 | 89.3 |
| 150 | 179.2 | 0.0 | 352.6 |



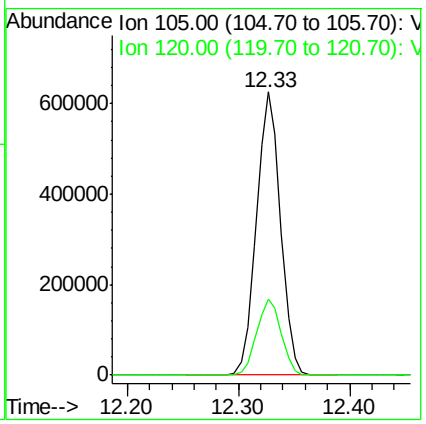


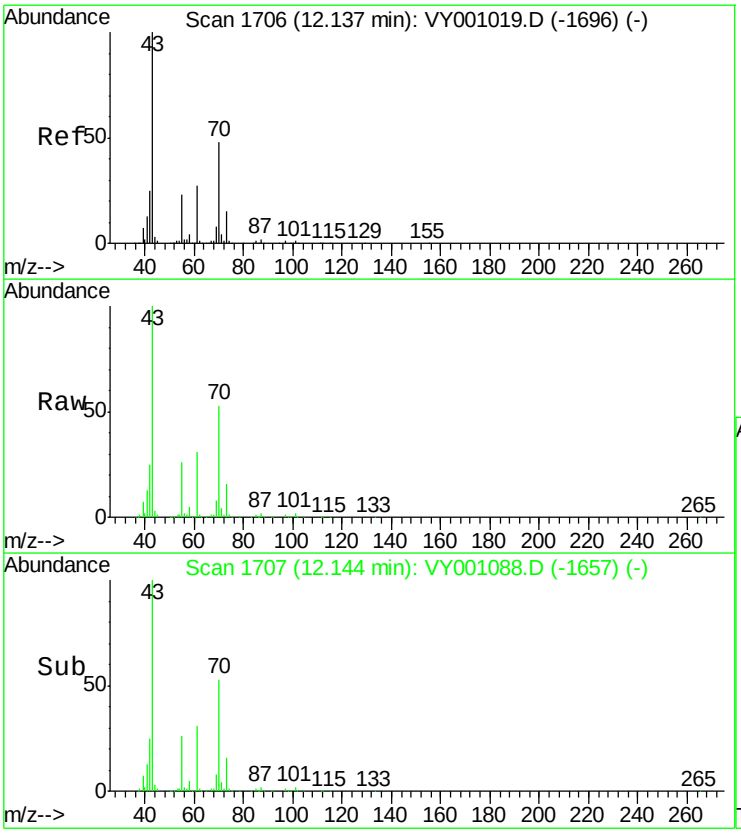

#73
Isopropylbenzene
Concen: 58.774 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion:105 Resp: 943900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 27.5 | 13.4 | 40.2 |

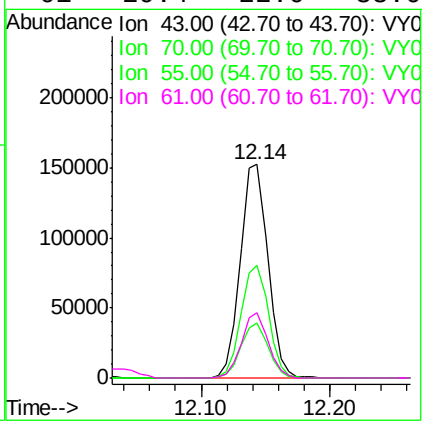


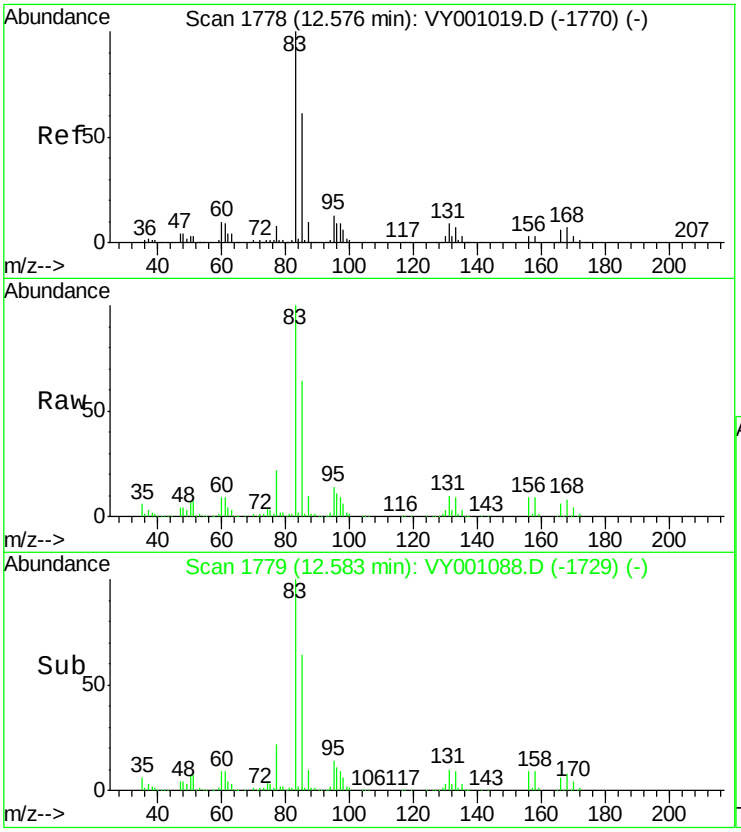




#74
N-amyl acetate
Concen: 53.333 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 43 Resp: 225019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 43 | 100 | | |
| 70 | 52.5 | 39.0 | 58.6 |
| 55 | 25.9 | 19.5 | 29.3 |
| 61 | 29.4 | 22.0 | 33.0 |



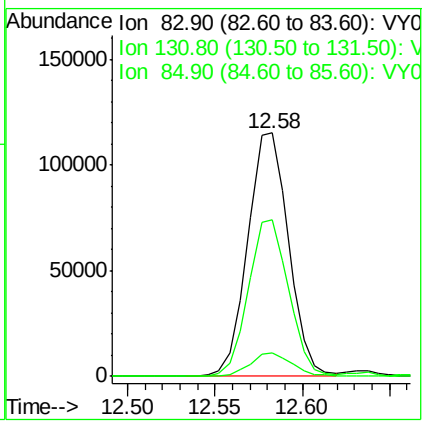


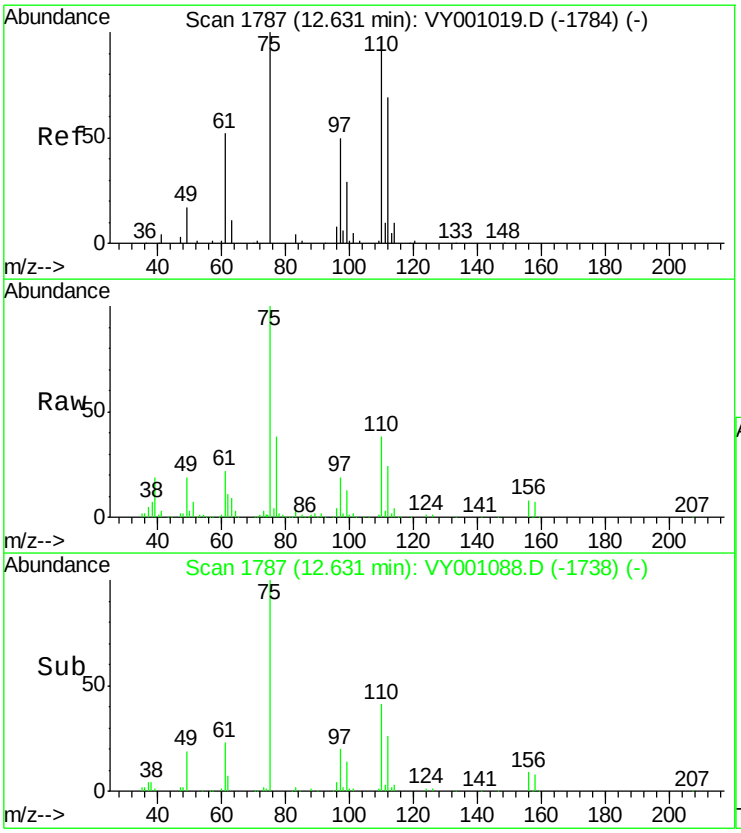

#75
1,1,2,2-Tetrachloroethane
Concen: 59.197 ug/l
RT: 12.58 min Scan# 1779
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 83 Resp: 187287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 83 | 100 | | |
| 131 | 9.9 | 5.1 | 15.3 |
| 85 | 63.3 | 32.1 | 96.5 |

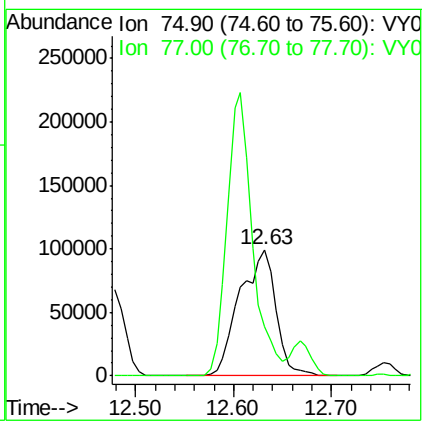


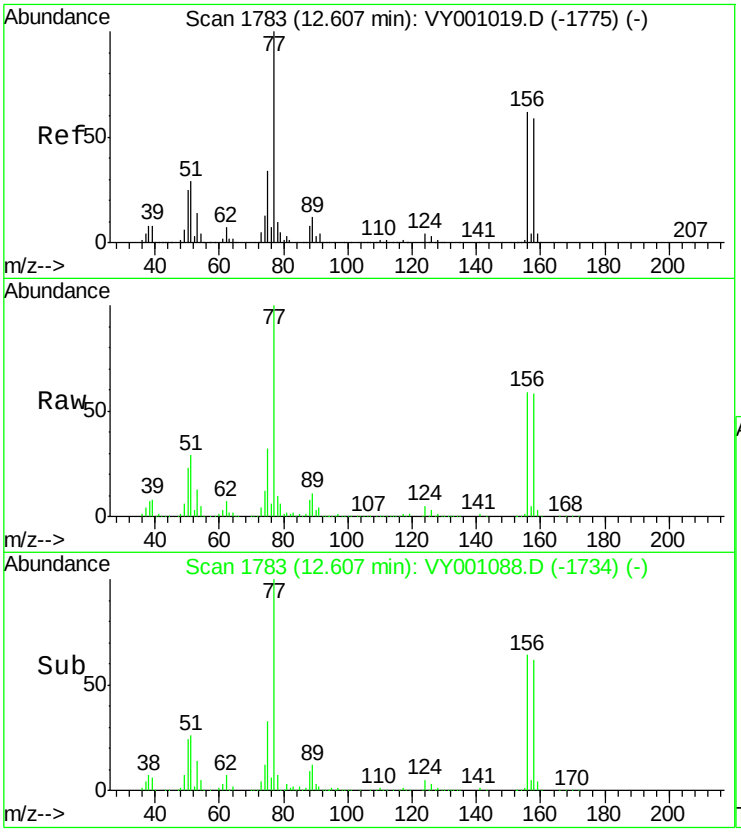




#76
1,2,3-Trichloropropane
Concen: 99.814 ug/l
RT: 12.63 min Scan# 1787
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 75 Resp: 255371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 77 | 0.0 | 0.0 | 0.0 |



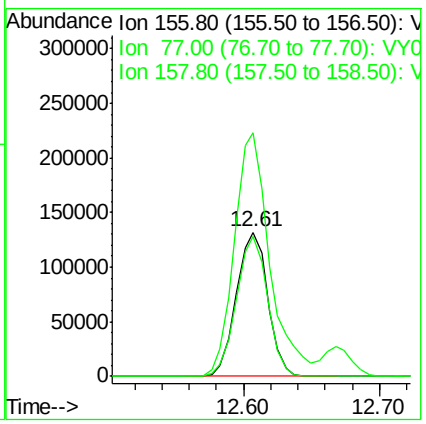


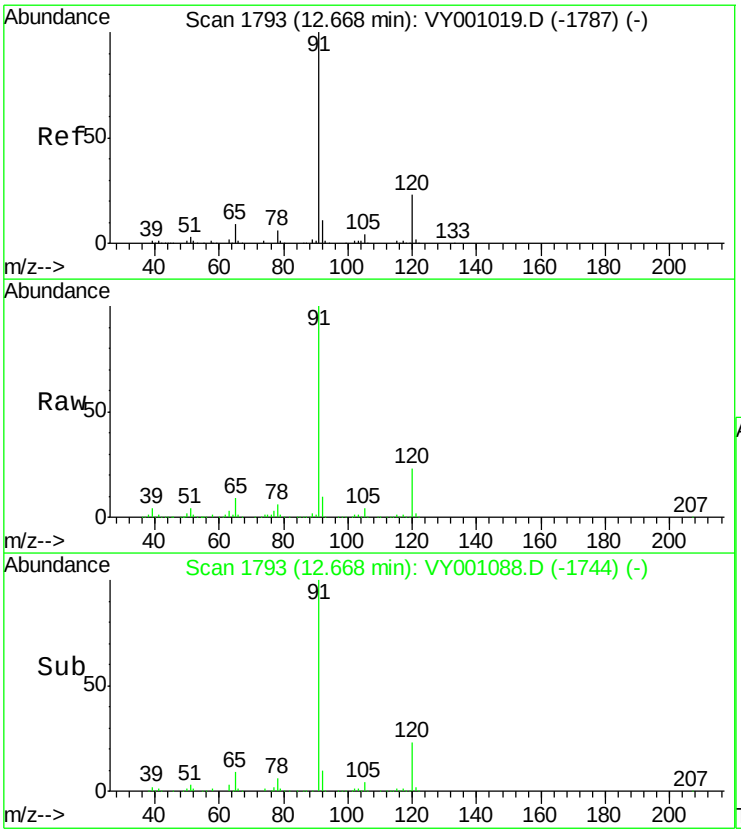

#77
Bromobenzene
Concen: 58.838 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion:156 Resp: 212519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 156 | 100 | | |
| 77 | 189.9 | 98.0 | 294.1 |
| 158 | 96.2 | 48.5 | 145.6 |

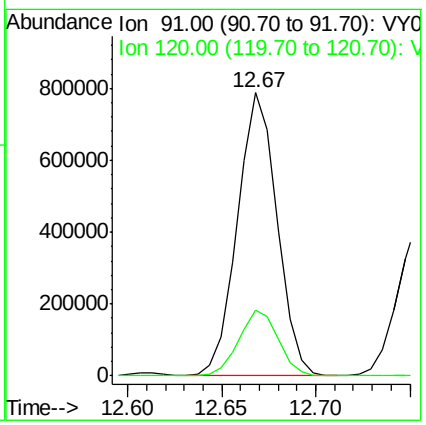


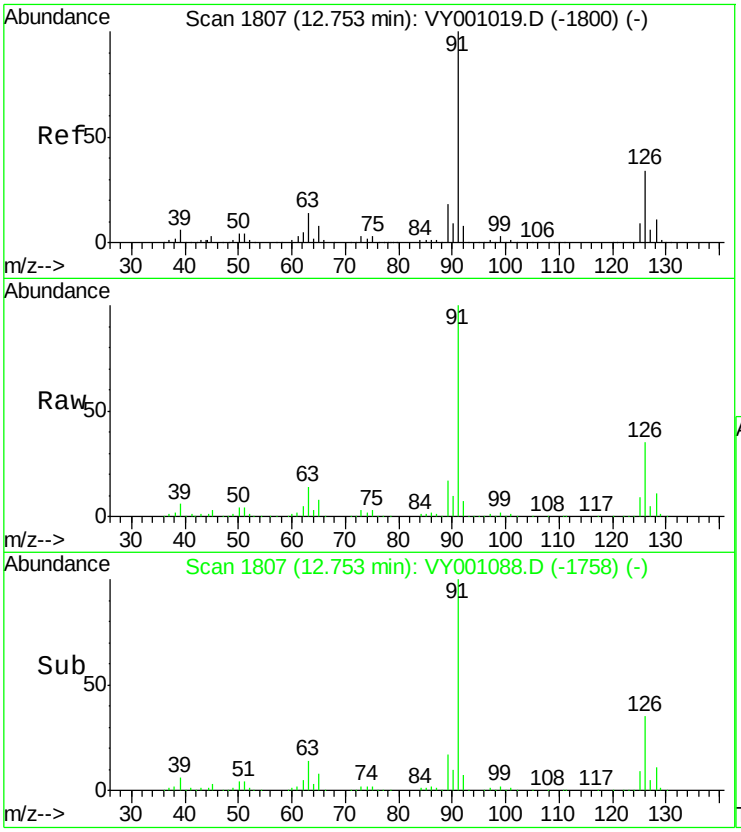




#78
n-propylbenzene
Concen: 58.648 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 91 Resp: 1147681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 120 | 23.0 | 11.4 | 34.2 |



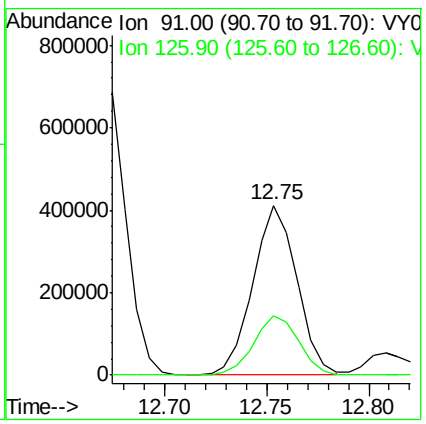


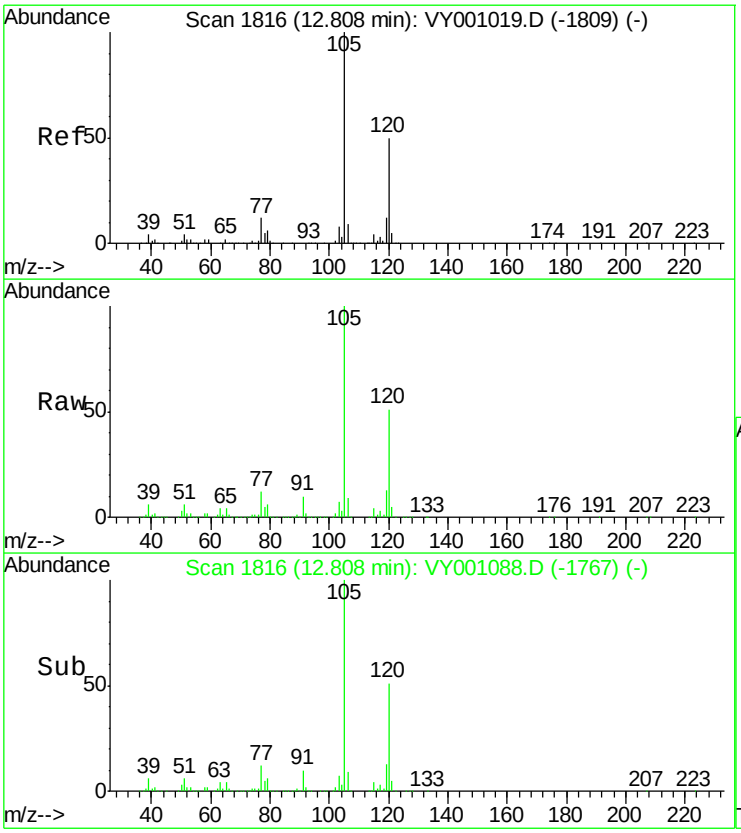

#79
2-Chlorotoluene
Concen: 57.166 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 91 Resp: 617786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 35.9 | 17.3 | 51.7 |

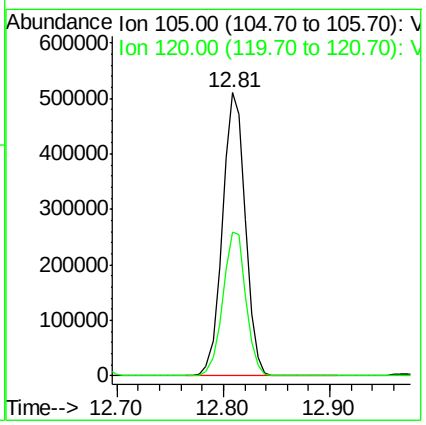


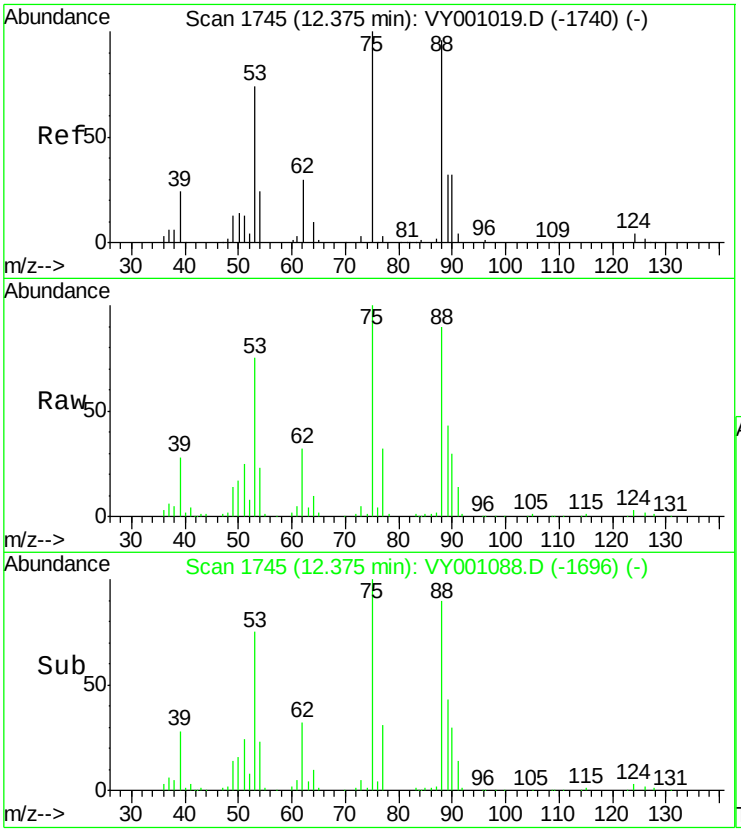




#80
1,3,5-Trimethylbenzene
Concen: 57.993 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion:105 Resp: 763432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 51.2 | 25.1 | 75.4 |



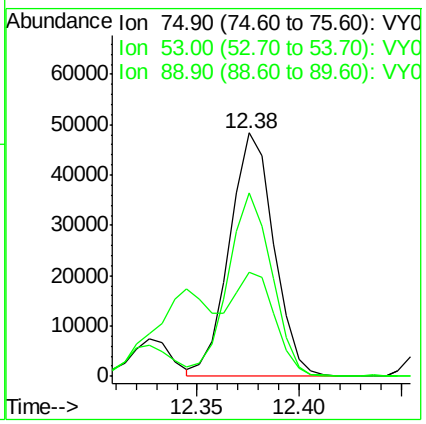


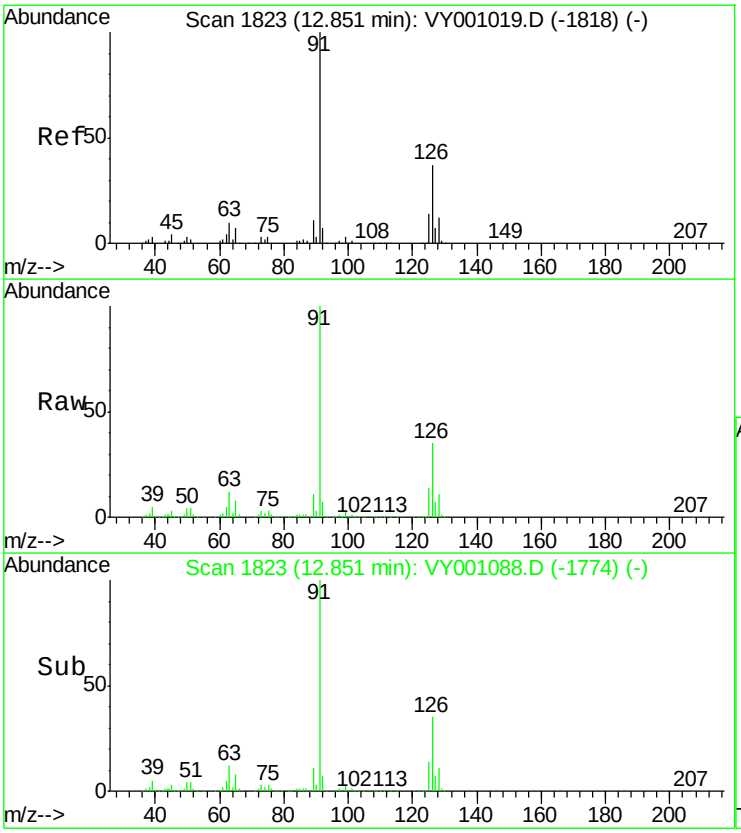

#81
trans-1,4-Dichloro-2-butene
Concen: 60.814 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion: 75 Resp: 72953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 53 | 74.5 | 60.6 | 91.0 |
| 89 | 44.8 | 35.4 | 53.0 |

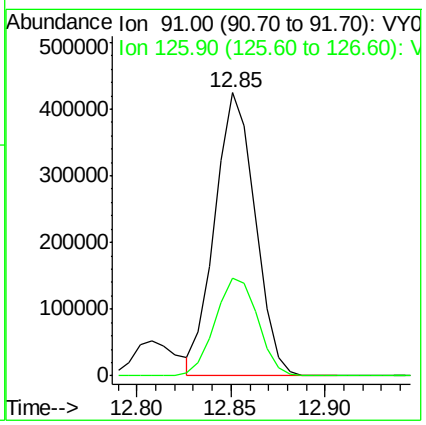


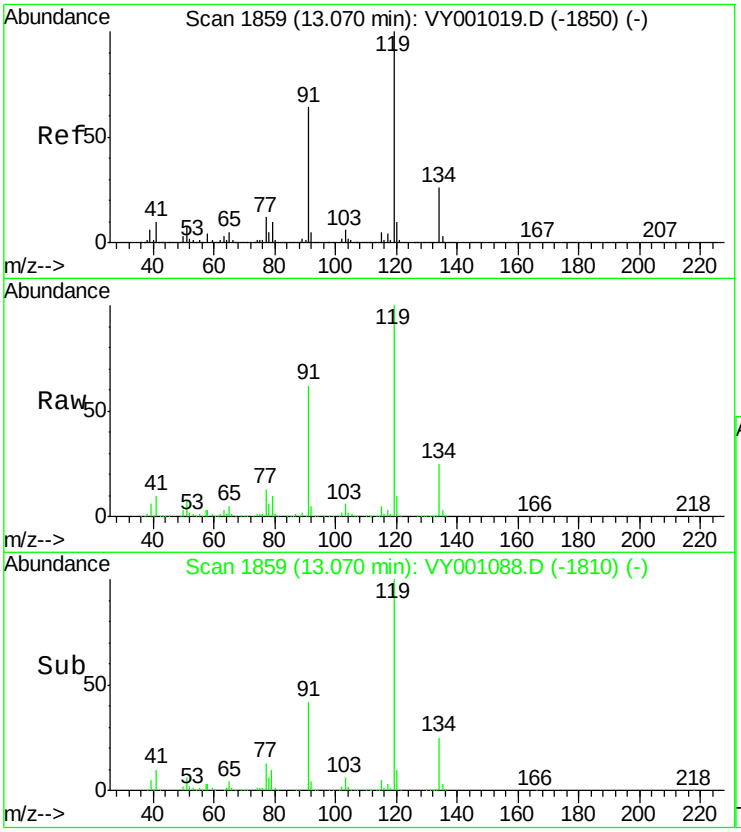




#82
4-Chlorotoluene
Concen: 56.125 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 91 Resp: 629992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 126 | 36.7 | 17.6 | 52.8 |



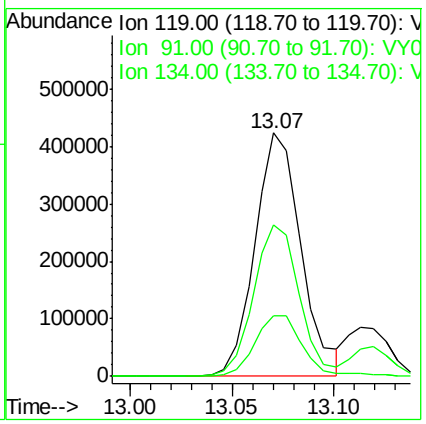


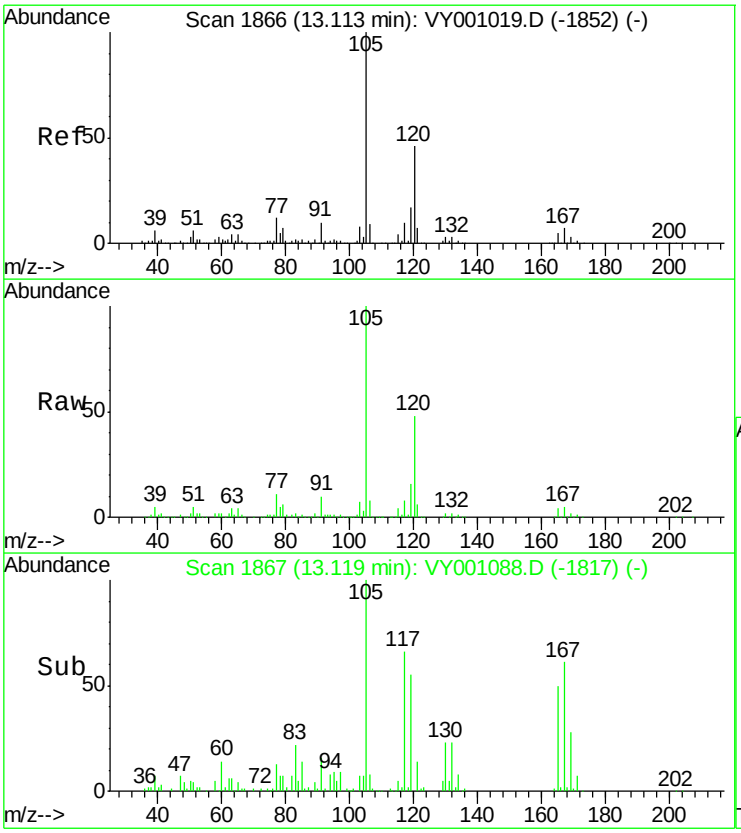

#83
tert-Butylbenzene
Concen: 60.453 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:119 Resp: 668035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 91 | 61.6 | 31.9 | 95.7 |
| 134 | 26.0 | 13.6 | 40.7 |

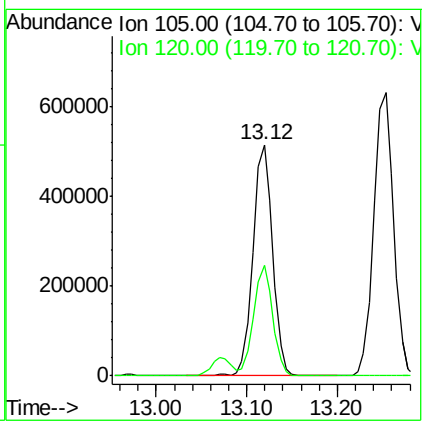


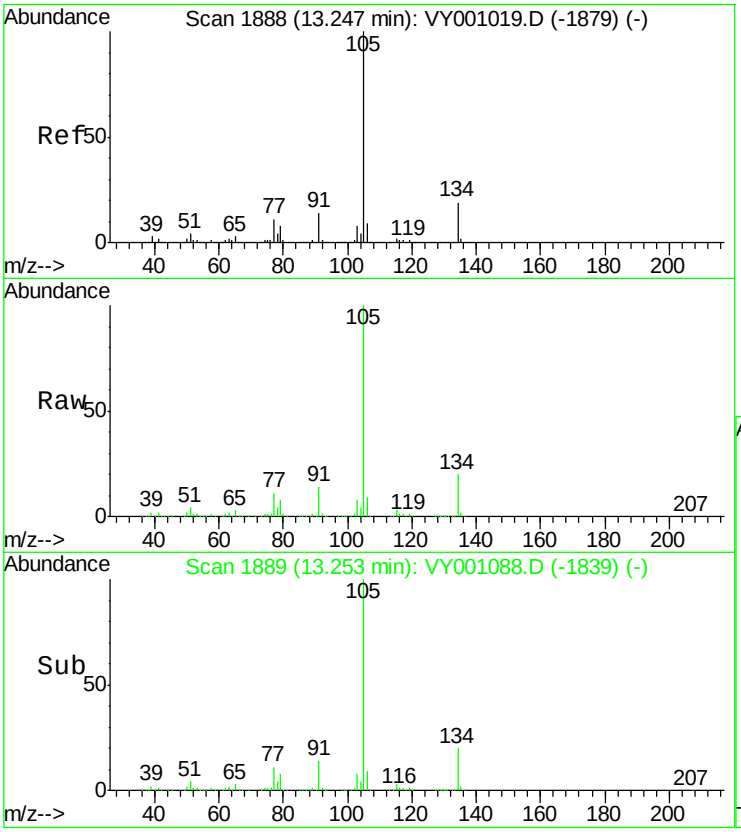




#84
1,2,4-Trimethylbenzene
Concen: 58.048 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion:105 Resp: 767885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 120 | 46.7 | 23.4 | 70.2 |



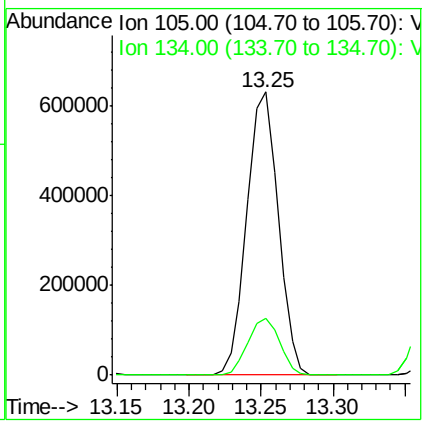


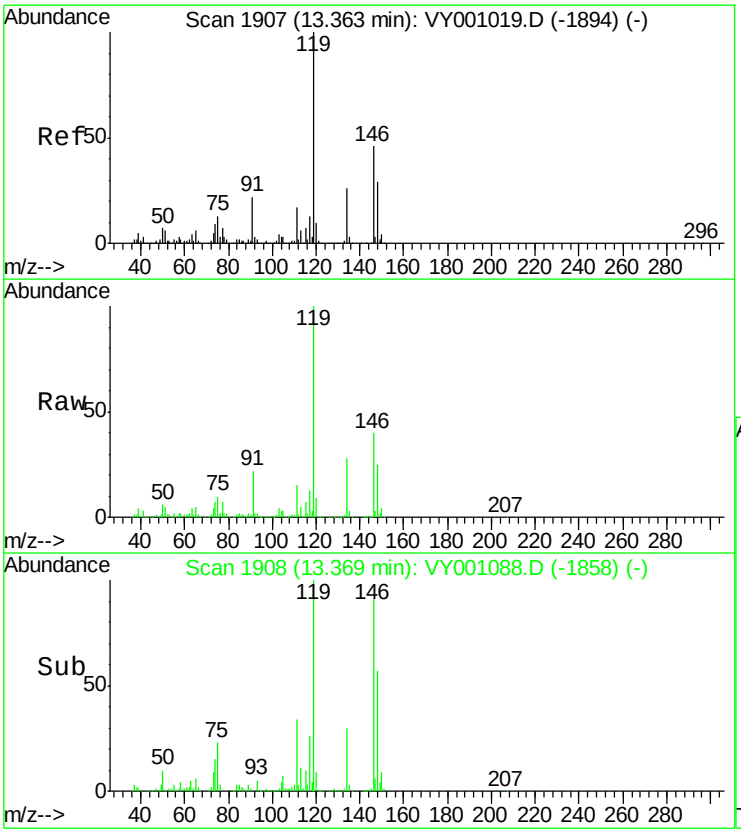

#85
sec-Butylbenzene
Concen: 58.472 ug/l
RT: 13.25 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:105 Resp: 952573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 134 | 20.2 | 10.0 | 30.0 |

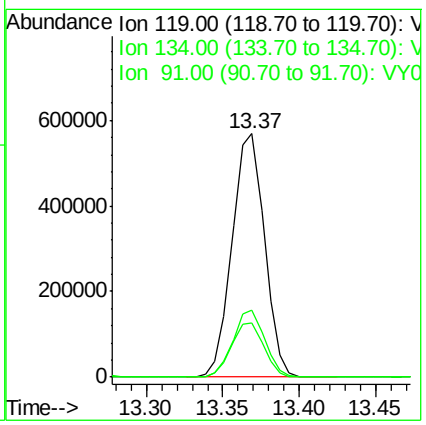


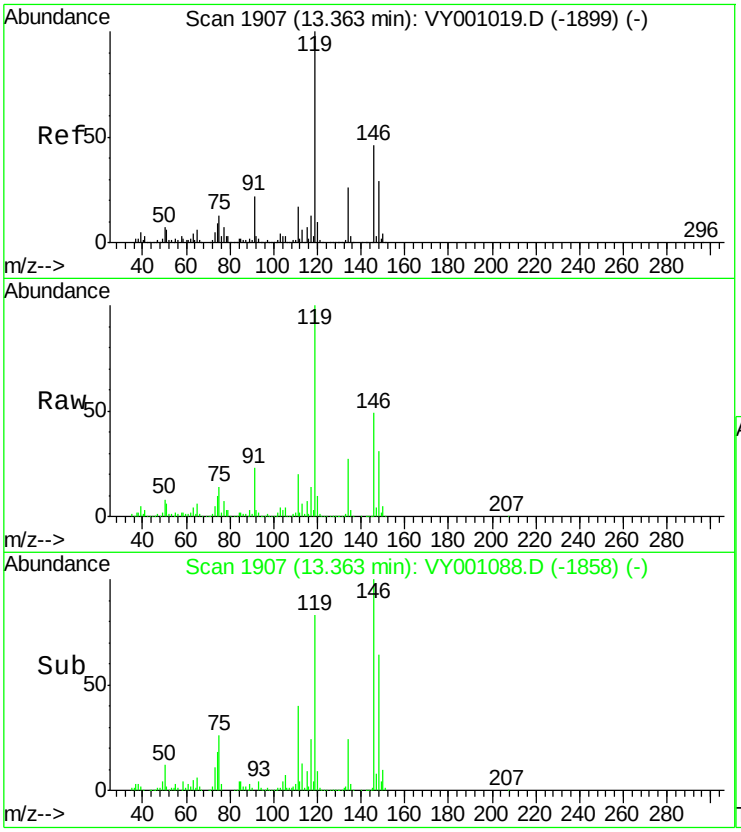




#86
p-Isopropyltoluene
Concen: 59.243 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion:119 Resp: 835120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 119 | 100 | | |
| 134 | 27.2 | 13.6 | 40.7 |
| 91 | 22.3 | 11.4 | 34.1 |



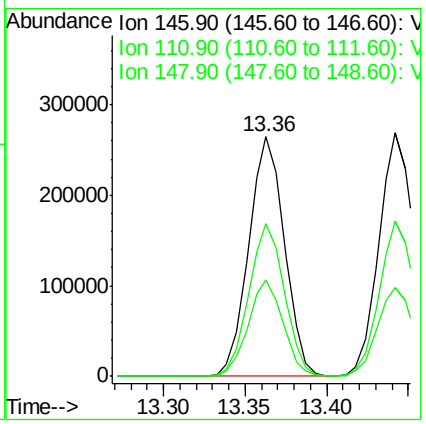


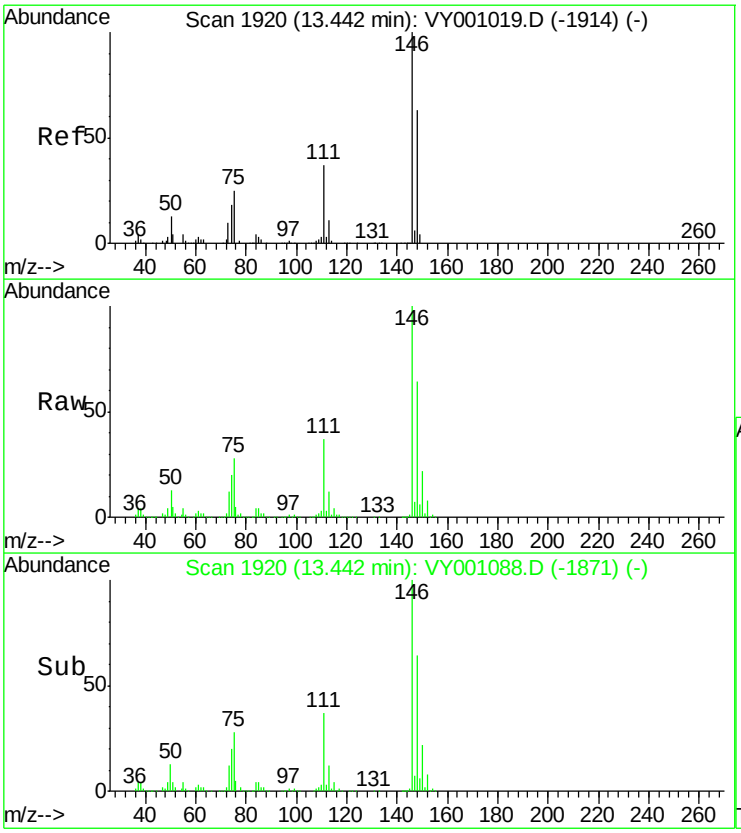

#87
1,3-Dichlorobenzene
Concen: 58.084 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:146 Resp: 402930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 39.1 | 19.7 | 59.0 |
| 148 | 63.2 | 31.9 | 95.5 |

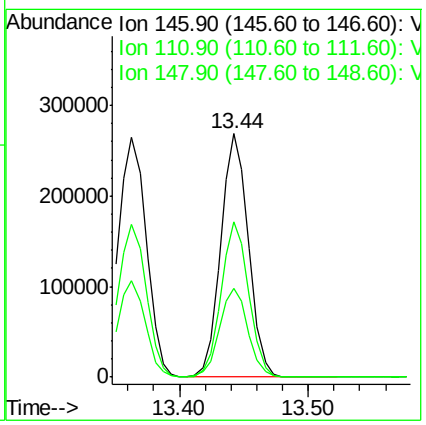


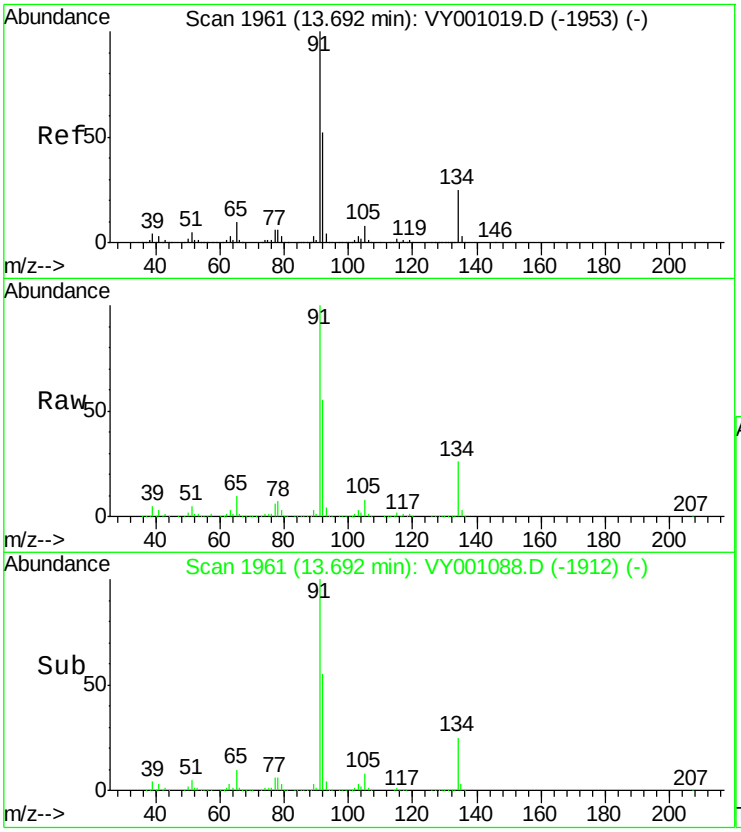




#88
1,4-Dichlorobenzene
Concen: 57.794 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion:146 Resp: 404438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 37.5 | 19.4 | 58.2 |
| 148 | 63.6 | 31.8 | 95.3 |



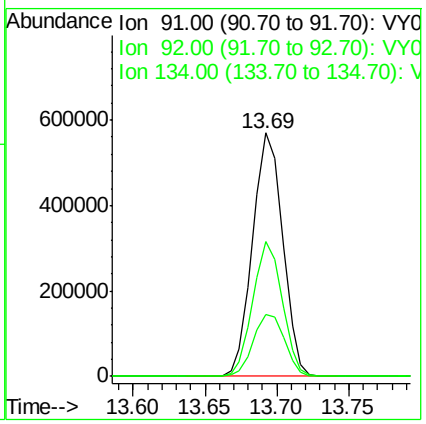


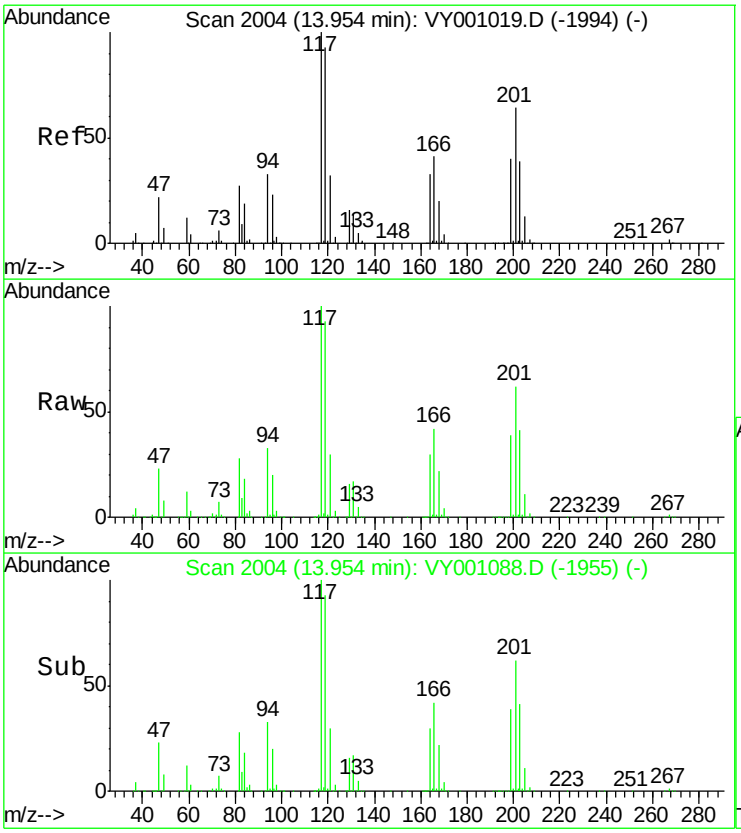

#89
n-Butylbenzene
Concen: 58.072 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :** MSVOA_Y
**ClientSampleId :** VSTDCCC050

Tgt Ion: 91 Resp: 823609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 91 | 100 | | |
| 92 | 54.2 | 26.9 | 80.7 |
| 134 | 26.5 | 12.7 | 38.0 |

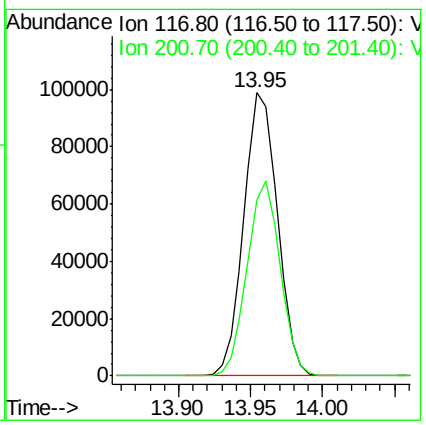


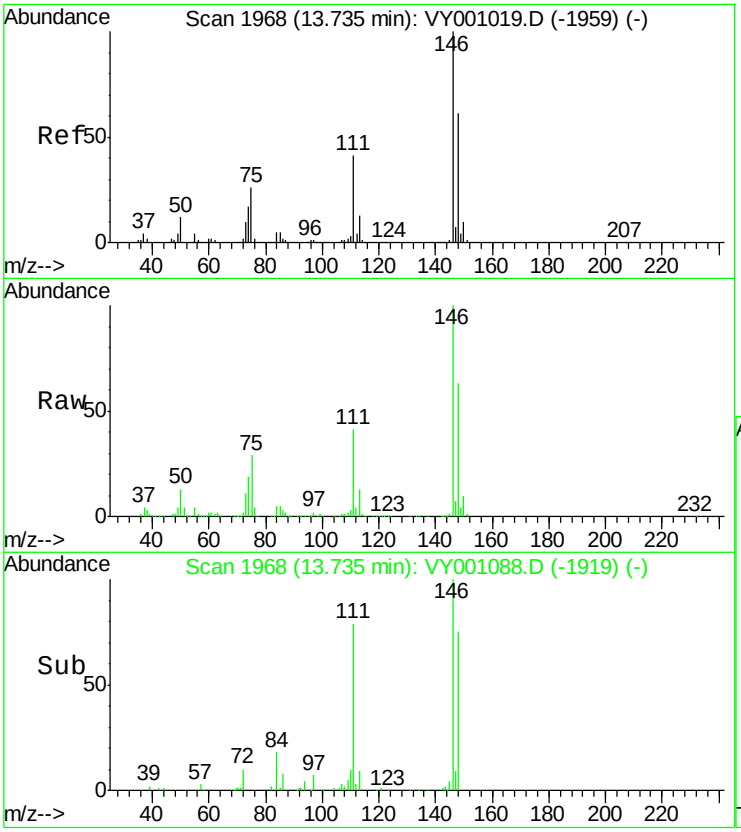




#90
Hexachloroethane
Concen: 60.232 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion:117 Resp: 159965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 67.6 | 33.7 | 101.1 |



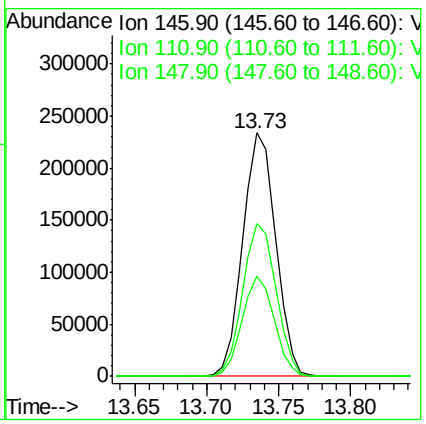


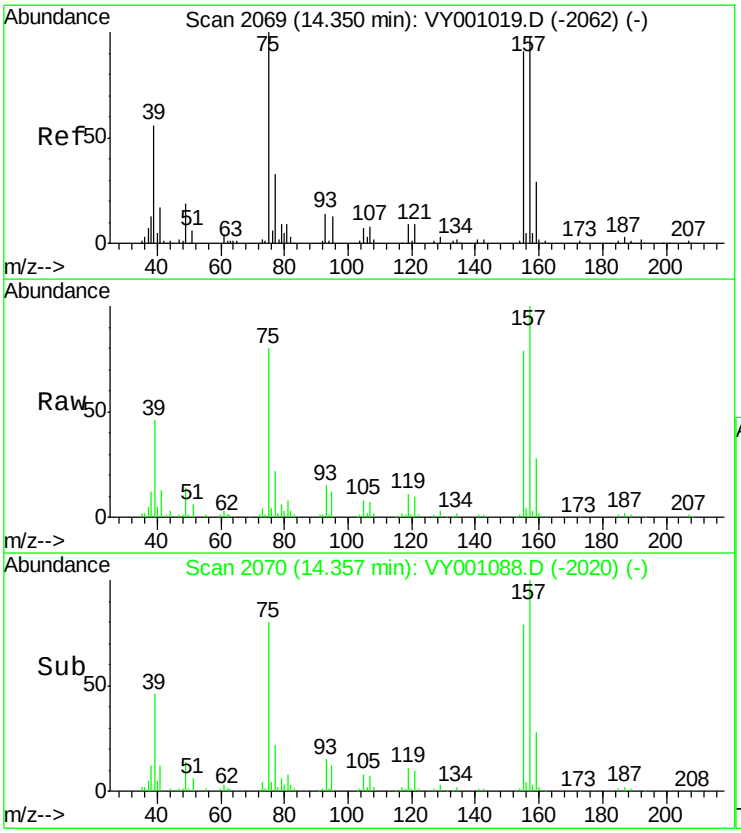

#91
1,2-Dichlorobenzene
Concen: 57.793 ug/l
RT: 13.73 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:146 Resp: 369821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 111 | 40.1 | 20.6 | 61.9 |
| 148 | 63.6 | 31.6 | 94.7 |

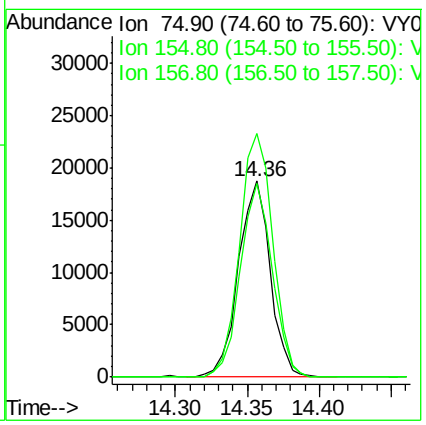


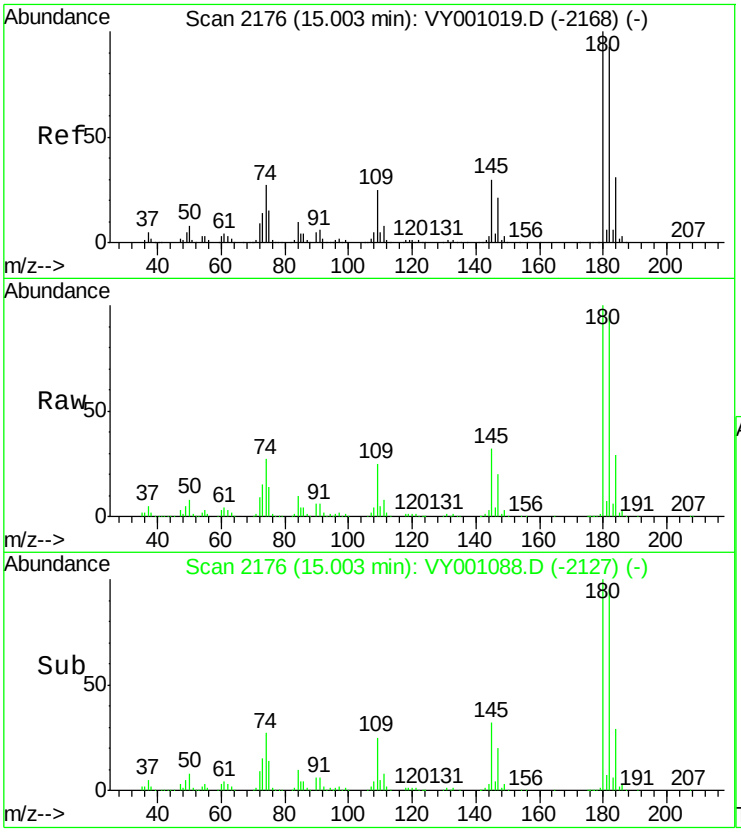




#92
1,2-Dibromo-3-Chloropropane
Concen: 54.197 ug/l
RT: 14.36 min Scan# 2070
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion: 75 Resp: 28688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 75 | 100 | | |
| 155 | 99.0 | 46.3 | 138.9 |
| 157 | 129.2 | 58.1 | 174.4 |



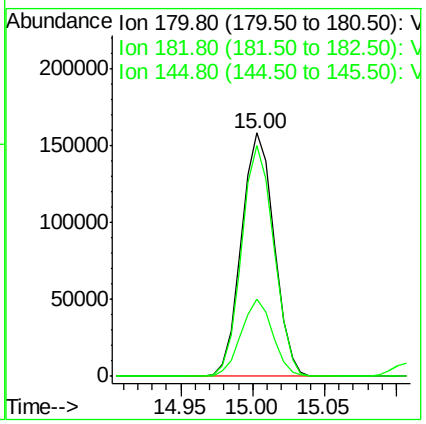


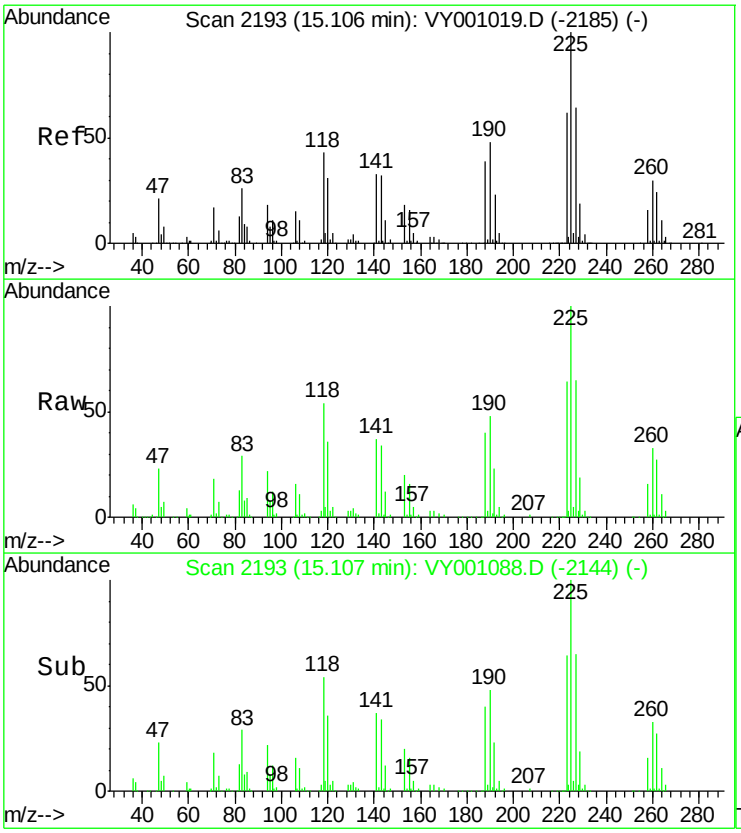

#93
1,2,4-Trichlorobenzene
Concen: 57.419 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:180 Resp: 248005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.8 | 46.8 | 140.3 |
| 145 | 30.7 | 15.3 | 45.9 |

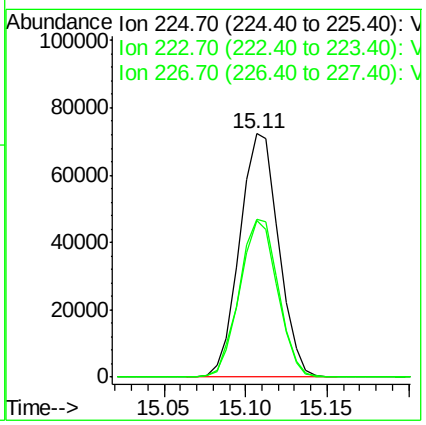


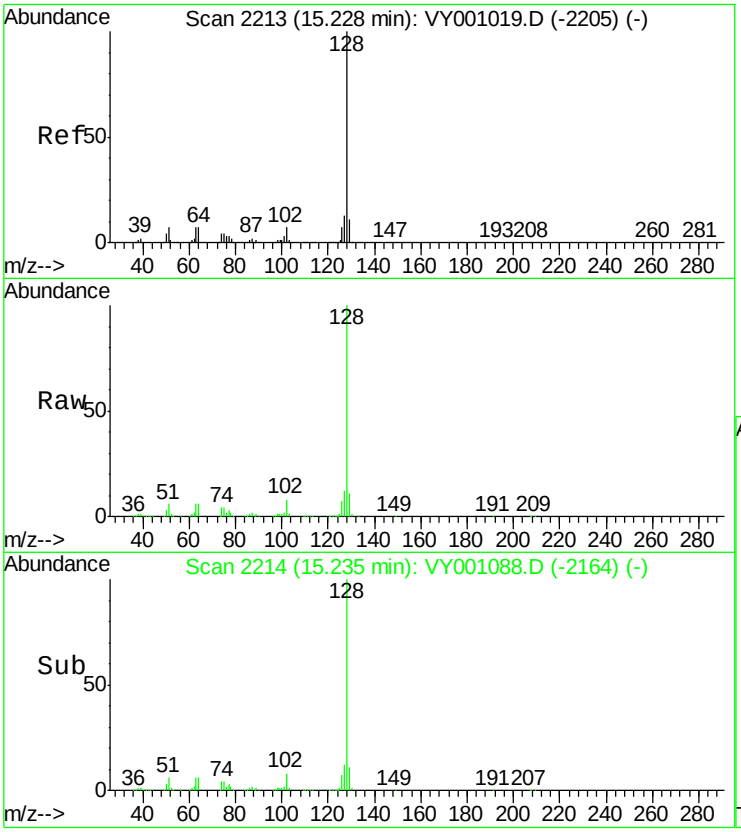




#94
Hexachlorobutadiene
Concen: 58.364 ug/l
RT: 15.11 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion:225 Resp: 119960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.3 | 31.6 | 94.8 |
| 227 | 65.0 | 31.9 | 95.5 |



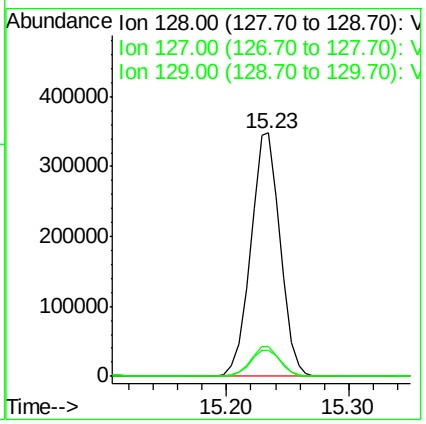


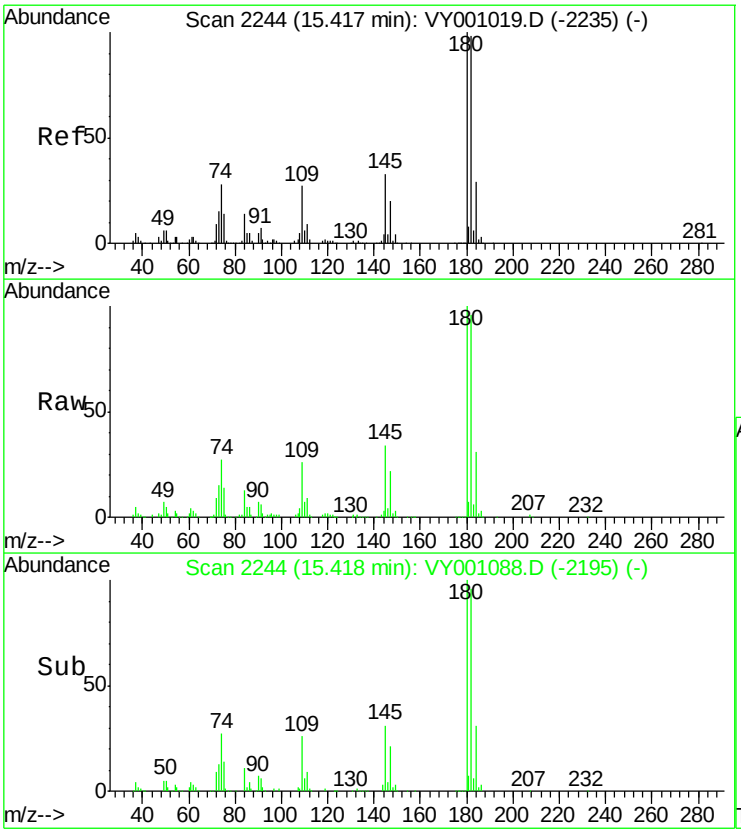

#95
Naphthalene
Concen: 57.152 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

**Instrument :**
MSVOA_Y
**ClientSampleId :**
VSTDCCC050

Tgt Ion:128 Resp: 580532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 127 | 12.3 | 9.9 | 14.9 |
| 129 | 10.9 | 8.6 | 13.0 |




#96
1,2,3-Trichlorobenzene
Concen: 56.246 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001088.D
Acq: 27 Dec 2019 11:09

Tgt Ion:180 Resp: 216652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.9 | 47.9 | 143.8 |
| 145 | 33.6 | 16.3 | 48.9 |